F. No. 283/41/2024-GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय / Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003.
Dated: 6th July 2026

OFFICE MEMORANDUM

Sub: Updation of List I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 – Reg.

Ref: (i) MNRE's O.M. No. 283/54/2018-GRID SOLAR–Part(1) dated 10.03.2021
(ii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 10.05.2023;
(iii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 22.03.2024;
(iv) MNRE's O.M. No. 32/33/2024-SPV Division dated 06.05.2025;

Reference is invited to this Ministry's O.M.s of even no. dated 10.03.2021, regarding implementation of Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirement for Compulsory Registration) Order, 2019 and publishing List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019.

2. This Ministry vide its O.M.s referred at (ii), (iii) & (iv) above, inter-alia, directed that only such models of Solar PV Module Manufacturers will be enlisted under ALMM, which comply with the BIS Standards and are having the following minimum module efficiency:

Category	**Application/Use**	**Minimum Module Efficiency required to be eligible for enlistment in ALMM for solar PV modules**	
		For c-Si technology based solar PV modules	**For CdTe thin film technology based solar PV modules**
Category-I	Utility/Grid Scale Power Plants	20.00%	19.00%
Category-II	Rooftop and Solar Pumping	19.50%	18.50%
Category-III	Off-grid projects/applications like solar lamps, solar lights, solar street lights, solar fans, etc. (other than solar powered agricultural pumps and solar PV rooftops) requiring individual capacity of each solar PV module deployed, to be of less than 200 Watt peak	18.00%	18.00%
		(not to be included in main ALMM List-I but to be included in a separate ALMM list called ALMM List-I (DRE)	
Category-IV	Any other application	19.00%	18.00%

3. Post the aforesaid O.M. dated 10.05.2023 and subsequent O.M.s dated 22.03.2024 and 06.05.2025, only such models of Solar PV Modules have been considered for enlistment under ALMM List-I, whose module efficiency is meeting the eligibility criteria as mentioned in table at para-2 above.

4. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 was last updated on 01.05.2026.

5. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 is hereby further revised and the Revision-XLIX *(in the format of additions / modifications to Revision-XLVIII)* is enclosed at Annexure-I. The last revision no. XLVIII dated 01.05.2026 is at pages after Annexure-I.

6. The ALMM enlistment validity is subject to valid BIS Registration; else deemed to be delisted.

7. The details of Registration No. (R. No.) which has been allotted by BIS is mentioned against each manufacturer / manufacturing unit enlisted in ALMM and further details related to BIS certification like validity, models included, etc. may be checked from BIS website by using the following link:
https://www.crsbis.in/BIS/Lims_registrationc.do?hmode=getLimsData

8. This issues with the approval of competent authority.

(Sanjay G. Karndhar)
Scientist-E
E-mail: karndhar.sg@nic.in

Encl: as above

To: All Concerned
Copy to: Director (Technical), NIC, MNRE for uploading this document on MNRE's website

Annexure-I
Revision-XLIX

A. Amendments/ Updations in previous lists of ALMM List-I

1. **M/s Pixon Green Energy Private Limited:** Validity of ALMM enlistment as mentioned in Revision no 48 dated 01.05.2026, to be read as (10.11.2023 to 09.11.2027) in place of (01.05.2026 to 30.04.2030)

2. **Co-ALMM between M/s. ECE (India) Energies Pvt. Ltd. (Brand Owner) and M/s Ganesh Green Bharat Limited (OEM):** As per request from M/s. ECE (India) Energies Pvt. Ltd., Co-ALMM enlistment of 100 MW between M/s. ECE (India) Energies Pvt. Ltd. (Brand Owner) and M/s Ganesh Green Bharat Limited (OEM), as included in Revision No. 41 dated 13.08.2025, is being removed from ALMM List-I for solar PV modules.

3. Name & Address of **Best Apartments Private Limited, 174 175 200 201 202, BAD KE BALAJI NH-8 JAIPUR-AJMER ROAD SANGANER, SARANGPURA, NARSINGHPURA SANGANER, JAIPUR. 302026**

   has been changed to:

   RPSG SOLVANTA PRIVATE LIMITED, Khasra No. 174, 175, 200, 201, 202, and 208, Sarangpura, Bad ke Balaji, NH-8, Jaipur Ajmer Road, Tehsil Sanganer, Jaipur Rajasthan, Pin Code- 302026

Annexure-I

Revision-XLIX

B. New additions on 06/07/2026 in the List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order

S. No.	Name of the Manufacturer	Location/ address of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
1	M/s Premier Energies Global Environment Private Limited (Model Addition)	303, 304, 305 AND 306/2, IALA-MAHESWARAM, RANGAREDDY - 501359	R-63005460	1507	i	Bifacial N-Type TOPCon Module (Glass to Glass)	PE-132-580THGB-G12R	PE-132-595THGB-G12R	22.03	132 (Half Cut Cells)	1500	07.02.2026	06.02.2030
								PE-132-590THGB-G12R	21.84				
								PE-132-585THGB-G12R	21.66				
								PE-132-580THGB-G12R	21.47				
								PE-132-575THGB-G12R	21.29				
								PE-132-570THGB-G12R	21.1				
2	M/s. Mundra Solar Energy Limited (Model Addition + Capacity Change)	Survey no 180 P, Co Mundra Solar Technopark Pvt. Ltd, Electronics Manufacturing Cluster EMC, Village Vandh and Tunda , Mundra , Kutch , Adani Ports and Special Economic Zone, Kachchh, Gujarat, 370435	R-72005460	1904	i	Bifacial N Type- TOPCon Module (Glass to Glass)	AB-G12R-132-610 (610 Wp)	AB-G12R-132-630	23.34	132 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								AB-G12R-132-625	23.16				
								AB-G12R-132-620	22.97				
								AB-G12R-132-615	22.79				
								AB-G12R-132-610	22.60				
								AB-G12R-132-605	22.42				
								AB-G12R-132-600	22.23				
								AB-G12R-132-595	22.05				
								AB-G12R-132-590	21.86				
3	M/s COSMIC PV POWER LIMITED (New Addition in ALMM)	BLOCK NO. 178, 194B, 194A, MANDVI, TADKESHWAR, SURAT, GUJARAT, 394170 INDIA	R-72015679	1848	i	Bifacial N-Type TOPCon Module	CTOP132G12R-615 (615 Wp)	CTOP132G12R-630	23.32	132 (Half Cut Cells)	1500	06.07.2026	05.07.2030
								CTOP132G12R-625	23.14				
								CTOP132G12R-620	22.95				
								CTOP132G12R-615	22.77				
								CTOP132G12R-610	22.58				
								CTOP132G12R-605	22.40				
								CTOP132G12R-600	22.21				
								CTOP132G12R-595	22.03				
					ii	Bifacial N-Type TOPCon Module	CTOP120G12R-560 (560 Wp)	CTOP120G12R-570	23.16	120 (Half Cut Cells)	1500		
								CTOP120G12R-565	22.96				
								CTOP120G12R-560	22.76				
								CTOP120G12R-555	22.55				
								CTOP120G12R-550	22.35				
								CTOP120G12R-545	22.15				
					iii	Bifacial N-Type TOPCon Module	CTOP108G12R-505 (505 Wp)	CTOP108G12R-515	23.18	108 (Half Cut Cells)	1500		
								CTOP108G12R-510	22.96				
								CTOP108G12R-505	22.73				
								CTOP108G12R-500	22.51				
								CTOP108G12R-495	22.28				
								CTOP108G12R-490	22.06				
4	M/s NRG SOL Power Private Limited (New Addition in ALMM)	Plot NO.-1-J, Electronic Manufacturing Cluster, Atal Nagar, Tuta, Sector 22, New Raipur-492016, Chhattishgarh (India)	R-59000655	59	i	TOPCon Module	NRGTC600 (600 MW)	NRGTC600	23.25	144 (Half Cut Cells)	1500	06.07.2026	05.07.2030
								NRGTC595	23.05				
								NRGTC590	22.86				
								NRGTC585	22.67				
								NRGTC580	22.47				
					ii	Bifacial, Mono-PERC Module	NRGMPERC545 (545 MW)	NRGMPERC550	21.31	144 (Half Cut Cells)	1500		
								NRGMPERC545	21.12				
								NRGMPERC540	20.92				
								NRGMPERC535	20.73				
								NRGMPERC530	20.53				
								NRGMPERC525	20.34				
								NRGMPERC520	20.15				
					iii	Mono-PERC Module	NRGBIPERC545 (545 MW)	NRGBIPERC550	21.31	144 (Half Cut Cells)	1500		
								NRGBIPERC545	21.12				
								NRGBIPERC540	20.92				
								NRGBIPERC535	20.73				
								NRGBIPERC530	20.53				
								NRGBIPERC525	20.34				
								NRGBIPERC520	20.15				
5	M/s EASTMAN GREEN TECHNOLOGIES PRIVATE LIMITED (Model Addition + Capacity Addition)	KHASRA NO.55//2,3/1,PANCHI UJRAN,NEAR HAPPY CHILD INTERNATIONAL,GANAUR, SONIPAT, HARYANA- 131101	R-91019879	766	i	Bifacial N-Type TOPCon Module (Glass to Glass)	ETP144HCGG585 (585 Wp)	ETP144HCGG610	23.61	144 (Half Cut Cells)	1500	22.12.2025	21.12.2029
								ETP144HCGG605	23.42				
								ETP144HCGG600	23.23				
								ETP144HCGG595	23.03				
								ETP144HCGG590	22.84				
								ETP144HCGG585	22.65				
								ETP144HCGG580	22.45				
								ETP144HCGG575	22.26				
								ETP144HCGG570	22.07				
								ETP144HCGG565	21.87				

S. No.	Name of the Manufacturer	Location/ address of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								ETP144HCGG560	21.68				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	ETP144HCGG555 (555 Wp)	ETP144HCGG555	21.48	144 (Half Cut Cells)	1500		
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	ETP132HCGG525 (525 Wp)	ETP132HCGG550	23.16	132 (Half Cut Cells)	1500		
								ETP132HCGG545	22.95				
								ETP132HCGG540	22.74				
								ETP132HCGG535	22.53				
								ETP132HCGG530	22.32				
								ETP132HCGG525	22.11				
								ETP132HCGG520	21.90				
								ETP132HCGG515	21.69				
								ETP132HCGG510	21.48				
								ETP132HCGG505	21.27				
								ETP132HCGG500	21.06				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	ETP132HCGG495 (495 Wp)	ETP132HCGG495	20.85	132 (Half Cut Cells)	1500		
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	ETP132HCGG605 (605 Wp)	ETP132HCGG635	23.51	132 (Half Cut Cells)	1500		
								ETP132HCGG630	23.32				
								ETP132HCGG625	23.14				
								ETP132HCGG620	22.95				
								ETP132HCGG615	22.77				
								ETP132HCGG610	22.58				
								ETP132HCGG605	22.40				
								ETP132HCGG600	22.21				
								ETP132HCGG595	22.03				
								ETP132HCGG590	21.84				
								ETP132HCGG585	21.66				
								ETP132HCGG580	21.47				
6	**M/s Solarium Green Energy Limited** **(New Addition in ALMM)**	**Survey No.508/1 AND 508/2, Village Miroli, District Daskroi, Bareja, Ahmedabad , 382425, Gujarat, India**	**R-72015466**	**1230**	i	Bifacial P-Type Mono c-Si PERC Module (Glass to Glass)	SGEP10G156-575 (575 Wp)	SGEP10G156-595	21.28	156(Half Cut Cell)	1500	06.07.2026	05.07.2030
								SGEP10G156-590	21.10				
								SGEP10G156-585	20.92				
								SGEP10G156-580	20.74				
								SGEP10G156-575	20.56				
								SGEP10G156-570	20.38				
								SGEP10G156-565	20.20				
								SGEP10G156-560	20.03				
								SGEP10G156-555	19.85				
								SGEP10G156-550	19.67				
					ii	Bifacial P-Type Mono c-Si PERC Module (Glass to Glass)	SGEP10G144-555 (555 Wp)	SGEP10G144-555	21.48	144(Half Cut Cell)	1500		
								SGEP10G144-550	21.29				
								SGEP10G144-545	21.10				
								SGEP10G144-540	20.90				
								SGEP10G144-535	20.71				
								SGEP10G144-530	20.52				
								SGEP10G144-525	20.32				
								SGEP10G144-520	20.13				
								SGEP10G144-515	19.94				
								SGEP10G144-510	19.74				
								SGEP10G144-505	19.55				
								SGEP10G144-500	19.36				
					iii	Bifacial P-Type Mono c-Si PERC Module (Glass to Glass)	SGEP10G132-500 (500 Wp)	SGEP10G132-500	21.07	132(Half Cut Cell)	1500		
								SGEP10G132-495	20.86				
								SGEP10G132-490	20.64				
								SGEP10G132-485	20.43				
								SGEP10G132-480	20.22				
								SGEP10G132-475	20.01				
								SGEP10G132-470	19.80				
								SGEP10G132-465	19.59				
								SGEP10G132-460	19.38				
								SGEP10G132-455	19.17				
					iv	Bifacial P-Type Mono c-Si PERC Module (Glass to Glass)	SGEP10G120-455 (455 Wp)	SGEP10G120-455	21.03	120 (Half Cut Cell)	1500		
								SGEP10G120-450	20.80				
								SGEP10G120-445	20.57				
								SGEP10G120-440	20.34				
								SGEP10G120-435	20.10				

S. No.	Name of the Manufacturer	Location/ address of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								SGEP10G120-430	19.87				
								SGEP10G120-425	19.64				
								SGEP10G120-420	19.41				
								SGEP10G120-415	19.18				
					v	Bifacial P-Type Mono c-Si PERC Module (Glass to Glass)	SGEP10G108-410 (410 Wp)	SGEP10G108-410	21.00	108 (Half Cut Cell)	1500		
								SGEP10G108-405	20.74				
								SGEP10G108-400	20.48				
								SGEP10G108-395	20.23				
								SGEP10G108-390	19.97				
								SGEP10G108-385	19.72				
								SGEP10G108-380	19.46				
								SGEP10G108-375	19.20				
					vi	Bifacial P-Type Mono c-Si PERC Module (Glass to Glass)	SGEP10G96-365 (365 Wp)	SGEP10G96-365	20.96	96(Half Cut Cell)	1500		
								SGEP10G96-360	20.67				
								SGEP10G96-355	20.38				
								SGEP10G96-350	20.09				
								SGEP10G96-345	19.81				
								SGEP10G96-340	19.52				
								SGEP10G96-335	19.23				
					vii	Bifacial P-Type Mono c-Si PERC Module (Glass to Glass)	SGEP10G72-275 (275 Wp)	SGEP10G72-275	20.82	72(Half Cut Cell)	1500		
								SGEP10G72-270	20.44				
								SGEP10G72-265	20.06				
								SGEP10G72-260	19.68				
								SGEP10G72-255	19.30				
					viii	Bifacial N-Type TOPCon Module(Glass to Glass)	SGET10G156-650 (650 Wp)	SGET10G156-650	23.24	156(Half Cut Cell)	1500		
								SGET10G156-645	23.07				
								SGET10G156-640	22.89				
								SGET10G156-635	22.71				
								SGET10G156-630	22.53				
								SGET10G156-625	22.35				
								SGET10G156-620	22.17				
								SGET10G156-615	21.99				
								SGET10G156-610	21.81				
								SGET10G156-605	21.63				
								SGET10G156-600	21.46				
					ix	Bifacial N-Type TOPCon Module(Glass to Glass)	SGET10G144-600 (600 Wp)	SGET10G144-600	23.23	144(Half Cut Cell)	1500		
								SGET10G144-595	23.03				
								SGET10G144-590	22.84				
								SGET10G144-585	22.65				
								SGET10G144-580	22.45				
								SGET10G144-575	22.26				
								SGET10G144-570	22.07				
								SGET10G144-565	21.87				
								SGET10G144-560	21.68				
								SGET10G144-555	21.48				
								SGET10G144-550	21.29				
					x	Bifacial N-Type TOPCon Module(Glass to Glass)	SGET10G132-550 (550 Wp)	SGET10G132-550	23.17	132(Half Cut Cell)	1500		
								SGET10G132-545	22.96				
								SGET10G132-540	22.75				
								SGET10G132-535	22.54				
								SGET10G132-530	22.33				
								SGET10G132-525	22.12				
								SGET10G132-520	21.91				
								SGET10G132-515	21.70				
								SGET10G132-510	21.49				
								SGET10G132-505	21.28				
								SGET10G132-500	21.07				
					xi	Bifacial N-Type TOPCon Module(Glass to Glass)	SGET10G120-500 (500 Wp)	SGET10G120-500	23.11	120 (Half Cut Cell)	1500		
								SGET10G120-495	22.88				
								SGET10G120-490	22.65				
								SGET10G120-485	22.42				
								SGET10G120-480	22.18				
								SGET10G120-475	21.95				
								SGET10G120-470	21.72				
								SGET10G120-465	21.49				
								SGET10G120-460	21.26				
								SGET10G120-455	21.03				

S. No.	Name of the Manufacturer	Location/ address of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								SGET10G120-450	20.80				
					xii	Bifacial N-Type TOPCon Module(Glass to Glass)	SGET10G108-450 (450 Wp)	SGET10G108-450	23.04	108 (Half Cut Cell)	1500		
								SGET10G108-445	22.79				
								SGET10G108-440	22.53				
								SGET10G108-435	22.28				
								SGET10G108-430	22.02				
								SGET10G108-425	21.76				
								SGET10G108-420	21.51				
								SGET10G108-415	21.25				
								SGET10G108-410	21.00				
								SGET10G108-405	20.74				
					xiii	Bifacial N-Type TOPCon Module(Glass to Glass)	SGET10G96-400 (400 Wp)	SGET10G96-400	22.96	96(Half Cut Cell)	1500		
								SGET10G96-395	22.68				
								SGET10G96-390	22.39				
								SGET10G96-385	22.10				
								SGET10G96-380	21.82				
								SGET10G96-375	21.53				
								SGET10G96-370	21.24				
								SGET10G96-365	20.96				
								SGET10G96-360	20.67				
					xiv	Bifacial N-Type TOPCon Module(Glass to Glass)	SGET10G84-350 (350 Wp)	SGET10G84-350	22.85	84(Half Cut Cell)	1500		
								SGET10G84-345	22.52				
								SGET10G84-340	22.19				
								SGET10G84-335	21.87				
								SGET10G84-330	21.54				
					xv	Bifacial N-Type TOPCon Module(Glass to Glass)	SGET10G72-300 (300 Wp)	SGET10G72-300	22.71	72(Half Cut Cell)	1500		
								SGET10G72-295	22.33				
								SGET10G72-290	21.95				
								SGET10G72-285	21.57				
					xvi	Bifacial N-Type TOPCon Module(Glass to Glass)	SGET10G60-250 (250 Wp)	SGET10G60-250	22.50	60(Half Cut Cell)	1500		
								SGET10G60-245	22.05				
								SGET10G60-240	21.60				
								SGET10G60-235	21.15				
					xvii	Bifacial N-Type TOPCon Module(Glass to Glass)	SGET12G132-725 (725 Wp)	SGET12G132-725	23.34	132(Half Cut Cell)	1500		
								SGET12G132-720	23.18				
								SGET12G132-715	23.02				
								SGET12G132-710	22.86				
								SGET12G132-705	22.70				
								SGET12G132-700	22.53				
								SGET12G132-695	22.37				
								SGET12G132-690	22.21				
								SGET12G132-685	22.05				
								SGET12G132-680	21.89				
					xviii	Bifacial N-Type TOPCon Module(Glass to Glass)	SGET12G120-650 (650 Wp)	SGET12G120-650	22.97	120(Half Cut Cell)			
								SGET12G120-645	22.79				
								SGET12G120-640	22.61				
								SGET12G120-635	22.44				
								SGET12G120-630	22.26				
								SGET12G120-625	22.08				
								SGET12G120-620	21.91				
								SGET12G120-615	21.73				
					xix	Bifacial N-Type TOPCon Module(Glass to Glass)	SGET12G108-585 (585 Wp)	SGET12G108-585	22.91	108(Half Cut Cell)			
								SGET12G108-580	22.71				
								SGET12G108-575	22.51				
								SGET12G108-570	22.32				
								SGET12G108-565	22.12				
								SGET12G108-560	21.93				
								SGET12G108-555	21.73				
					xx	Bifacial N-Type TOPCon Module(Glass to Glass)	SGET12RG132-650 (650Wp)	SGET12RG132-650	24.06	132(Half Cut Cell)	1500		
								SGET12RG132-645	23.88				
								SGET12RG132-640	23.69				
								SGET12RG132-635	23.51				
								SGET12RG132-630	23.32				
								SGET12RG132-625	23.14				
								SGET12RG132-620	22.95				
								SGET12RG132-615	22.77				
								SGET12RG132-610	22.58				

S. No.	Name of the Manufacturer	Location/ address of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xxi	Bifacial N-Type TOPCon Module(Glass to Glass)	SGET12RG120-590	SGET12RG120-590	23.95	120 (Half Cut Cell)	1500		
								SGET12RG120-585	23.75				
								SGET12RG120-580	23.55				
								SGET12RG120-575	23.35				
								SGET12RG120-570	23.14				
								SGET12RG120-565	22.94				
								SGET12RG120-560	22.74				
								SGET12RG120-555	22.53				
					xxii	Bifacial N-Type TOPCon Module(Glass to Glass)	SGET12RG108-530	SGET12RG108-530	23.85	108 (Half Cut Cell)	1500		
								SGET12RG108-525	23.62				
								SGET12RG108-520	23.40				
								SGET12RG108-515	23.17				
								SGET12RG108-510	22.95				
								SGET12RG108-505	22.72				
								SGET12RG108-500	22.50				
					xxiii	Bifacial N-Type TOPCon Module(Glass to Glass)	SGET12RG96-470	SGET12RG96-470	23.68	96(Half Cut Cell)	1500		
								SGET12RG96-465	23.43				
								SGET12RG96-460	23.18				
								SGET12RG96-455	22.93				
								SGET12RG96-450	22.68				
								SGET12RG96-445	22.42				
					xiv	Bifacial N-Type TOPCon Module(Glass to Glass)	SGET12RG84-410	SGET12RG84-410	23.55	84(Half Cut Cell)	1500		
								SGET12RG84-405	23.27				
								SGET12RG84-400	22.98				
								SGET12RG84-395	22.69				
								SGET12RG84-390	22.40				
					xv	Bifacial N-Type TOPCon Module (Glass to Glass)	SGET12RG72-355	SGET12RG72-355	23.63	72(Half Cut Cell)	1500		
								SGET12RG72-350	23.29				
								SGET12RG72-345	22.96				
								SGET12RG72-340	22.63				
								SGET12RG72-335	22.30				
					xvi	Bifacial N-Type TOPCon Module (Glass to Glass)	SGET12RG60-295	SGET12RG60-295	23.33	60 (Half Cut Cell)	1500		
								SGET12RG60-290	22.94				
								SGET12RG60-285	22.54				
								SGET12RG60-280	22.14				
7	**M/s Ganesh Green Bharat Limited** **(Model Addition + Capacity Addition)**	**SURVEY NO. 319/320/321, TUNDALI, TUNDALI APPROACH ROAD, BEHIND HONEST RESTAURANT, NEAR NADASAN FLYOVER, MEHSANA, GUJARAT, INDIA**	**R-72005886**	**745**	i	Bifacial N TypeTOPCon Module (Glass to Glass)	SG132G12R-620 (620 Wp)	SG132G12R-595	22.03	132(Half Cut Cells)	1500	25.01.2025	24.01.2029
								SG132G12R-600	22.21				
								SG132G12R-605	22.40				
								SG132G12R-610	22.58				
								SG132G12R-615	22.77				
								SG132G12R-620	22.95				
								SG132G12R-625	23.14				
								SG132G12R-630	23.32				
								SG132G12R-635	23.51				
								SG132G12R-640	23.69				
								SG132G12R-645	23.88				
								SG132G12R-650	24.06				
					ii	Bifacial N TypeTOPCon Module (Glass to Glass)	SG120G12R-570 (570 Wp)	SG120G12R-545	22.15	120 (Half cut cells)	1500		
								SG120G12R-550	22.35				
								SG120G12R-555	22.55				
								SG120G12R-560	22.76				
								SG120G12R-565	22.96				
								SG120G12R-570	23.16				
								SG120G12R-575	23.37				
								SG120G12R-580	23.57				
								SG120G12R-585	23.77				
								SG120G12R-590	23.98				
								SG120G12R-595	24.18				
					iii	Bifacial N TypeTOPCon Module (Glass to Glass)	SG108G12R-510 (510 Wp)	SG108G12R-490	22.05	108 (Half cut cells)	1500		
								SG108G12R-495	22.27				
								SG108G12R-500	22.50				
								SG108G12R-505	22.72				
								SG108G12R-510	22.95				
								SG108G12R-515	23.17				
								SG108G12R-520	23.40				
								SG108G12R-525	23.62				

S. No.	Name of the Manufacturer	Location/ address of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
8	M/s GreenBrilliance Renewable Energy LLP (Model Addition + Capacity Addition)	PLOT NO. 1408 G.I.D.C. INDUSTRIAL ESTATE, WAGHODIA, VADODARA GUJARAT,India-391760	R-72002119	44	i	Mono c-Si PERC Module (Glass to Backsheet)	GB156P580 (580 Wp)	GB156P600	21.47	156 (Half Cut Cells)	1500	21.05.2025	20.05.2029
								GB156P595	21.29				
								GB156P590	21.12				
								GB156P585	20.94				
								GB156P580	20.76				
								GB156P575	20.58				
								GB156P570	20.40				
								GB156P565	20.22				
					ii	Mono c-Si PERC Module (Glass to Backsheet)	GB144P540 (540 Wp)	GB144P560	21.68	144 (Half Cut Cells)	1500		
								GB144P555	21.48				
								GB144P550	21.29				
								GB144P545	21.10				
								GB144P540	20.90				
								GB144P535	20.71				
								GB144P530	20.52				
								GB144P525	20.32				
								GB144P520	20.13				
								GB144P515	19.94				
					iii	Mono c-Si PERC Module (Glass to Backsheet)	GB132P490 (490 Wp)	GB132P510	21.48	132 (Half Cut Cells)	1500		
								GB132P505	21.27				
								GB132P500	21.06				
								GB132P495	20.85				
								GB132P490	20.64				
								GB132P485	20.42				
								GB132P480	20.21				
								GB132P475	20.00				
								GB132P470	19.79				
								GB132P465	19.58				
					iv	Mono c-Si PERC Module (Glass to Backsheet)	GB132P460 (460 Wp)	GB132P460	19.37	132 (Half Cut Cells)	1500		
9	M/s Havells India Limited (New Addition in ALMM)	BUILDING NO. 1 & 2, BLOCK/SURVEY NO. 252/P2, CITY SURVEY NO. NA251, OPP. ROSE GARDEN HOTEL, N.H-48, TA. MANGROL, DIST. SURAT , GUJARAT, 394115	R-72016004	1221	i	Bifacial N-Type TOPCon Module (Glass to Glass)	ENVIRO12R-615-T132-GF (615 Wp)	ENVIRO12R-630-T132-GF	23.32	132 (Half Cut Cells)	1500	06.07.2026	05.07.2030
								ENVIRO12R-625-T132-GF	23.14				
								ENVIRO12R-620-T132-GF	22.95				
								ENVIRO12R-615-T132-GF	22.77				
								ENVIRO12R-610-T132-GF	22.58				
								ENVIRO12R-605-T132-GF	22.40				
								ENVIRO12R-600-T132-GF	22.21				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	ENVIRO10-585-T144-GF (585Wp)	ENVIRO10-570-T144-GF	22.07	144 (Half Cut Cells)	1500		
								ENVIRO10-575-T144-GF	22.26				
								ENVIRO10-580-T144-GF	22.45				
								ENVIRO10-585-T144-GF	22.65				
								ENVIRO10-590-T144-GF	22.84				
								ENVIRO10-595-T144-GF	23.03				
10	M/s Solarmint Energies Private Limited (Formerly known as Sun N Sand Exim (India) Pvt. Ltd.) (Model Addition + Capacity Addition)	PLOT NO-106, SECTOR-16, HSIIDC INDUSTRIAL ESTATE, BAHADURGARH, DISTT. JHAJJAR, HARYANA -124507	R-91004529	180	i	Bifacial N-Type TOPCon Module	SNS144CMT580Wp (580 Wp)	SNS144CMT555Wp	21.48	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028
								SNS144CMT560Wp	21.68				
								SNS144CMT565Wp	21.87				
								SNS144CMT570Wp	22.07				
								SNS144CMT575Wp	22.26				
								SNS144CMT580Wp	22.45				
								SNS144CMT585Wp	22.65				
								SNS144CMT590Wp	22.84				
								SNS144CMT595Wp	23.03				
								SNS144CMT600Wp	23.23				
					ii	Bifacial N-Type TOPCon Module	SNS132CMT690Wp (690 Wp)	SNS132CMT665Wp	21.41	132 (Half Cut Cells)	1500		
								SNS132CMT670Wp	21.57				
								SNS132CMT675Wp	21.73				
								SNS132CMT680Wp	21.89				
								SNS132CMT685Wp	22.05				
								SNS132CMT690Wp	22.21				
								SNS132CMT695Wp	22.37				
								SNS132CMT700Wp	22.53				
								SNS132CMT705Wp	22.70				
								SNS132CMT710Wp	22.86				
								SNS132CMT715Wp	23.02				
								SNS132CMT720Wp	23.18				

S. No.	Name of the Manufacturer	Location/ address of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
11	M/s. Jakson Engineers Ltd (Model Addition)	Plot No-25, Ecotech-III, Udyog Kendra, Greater Noida-201306, Gautam Budha Nagar, Uttar Pradesh, India	R-93005959	1252	i	Bifacial N-Type TOPCon Module (Glass to Glass)	JN-620GR (620 Wp)	JN-600GR	22.23	132 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JN-620GR	22.97				
								JN-625GR	23.16				
								JN-630GR	23.34				
12	M/s Icon Solar En Power Technologies Private Limited (New Addition in ALMM)	KHASRA NO. 1553/1, 1564, 1566, 1568/1, 1568/2, PH NO.- 05, MANDIR HASAUD, BLOCK ARANG, VILLAGE TEKARI, DISTRICT RAIPUR, CHHATTISHGARH, India- 493225	R-59000680	2557	i	Bifacial N-Type TOPCon Module (Glass to Glass)	ISEN620-G12R (620 Wp)	ISEN635-G12R	23.51	132 (Half Cut Cells)	1500	06.07.2026	05.07.2030
								ISEN630-G12R	23.32				
								ISEN625-G12R	23.14				
								ISEN620-G12R	22.95				
								ISEN615-G12R	22.77				
								ISEN610-G12R	22.58				
								ISEN605-G12R	22.40				
								ISEN600-G12R	22.21				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	ISEN560-G12R (560 Wp)	ISEN570-G12R	23.14	120 (Half Cut Cells)	1500		
								ISEN565-G12R	22.94				
								ISEN560-G12R	22.74				
								ISEN555-G12R	22.53				
								ISEN550-G12R	22.33				
								ISEN545-G12R	22.13				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	ISEN510-G12R (510 Wp)	ISEN515-G12R	23.16	108 (Half Cut Cells)	1500		
								ISEN510-G12R	22.93				
								ISEN505-G12R	22.71				
								ISEN500-G12R	22.48				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	ISEN450-G12R (450 Wp)	ISEN455-G12R	22.77	96 (Half Cut Cells)	1500		
								ISEN450-G12R	22.52				
								ISEN445-G12R	22.27				
								ISEN440-G12R	22.02				
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	ISEN630-G2X (630 Wp)	ISEN650-G2X	23.26	156 (Half Cut Cells)	1500		
								ISEN645-G2X	23.08				
								ISEN640-G2X	22.90				
								ISEN635-G2X	22.73				
								ISEN630-G2X	22.55				
								ISEN625-G2X	22.37				
								ISEN620-G2X	22.19				
								ISEN615-G2X	22.01				
					vi	Bifacial N-Type TOPCon Module (Glass to Glass)	ISEN590-G2X (590 Wp)	ISEN600-G2X	23.23	144 (Half Cut Cells)	1500		
								ISEN595-G2X	23.03				
								ISEN590-G2X	22.84				
								ISEN585-G2X	22.65				
								ISEN580-G2X	22.45				
								ISEN575-G2X	22.26				
								ISEN570-G2X	22.07				
					vii	Bifacial N-Type TOPCon Module (Glass to Glass)	ISEN540-G2X (540 Wp)	ISEN550-G2X	23.16	132 (Half Cut Cells)	1500		
								ISEN545-G2X	22.95				
								ISEN540-G2X	22.74				
								ISEN535-G2X	22.53				
								ISEN530-G2X	22.32				
					viii	Bifacial N-Type TOPCon Module (Glass to Glass)	ISEN490-G2X (490 Wp)	ISEN500-G2X	23.11	120 (Half Cut Cells)	1500		
								ISEN495-G2X	22.88				
								ISEN490-G2X	22.65				
								ISEN485-G2X	22.42				
								ISEN480-G2X	22.18				
					ix	Bifacial N-Type TOPCon Module (Glass to Glass)	ISEN440-G2X (440 Wp)	ISEN450-G2X	23.04	108 (Half Cut Cells)	1500		
								ISEN445-G2X	22.79				
								ISEN440-G2X	22.53				
								ISEN435-G2X	22.28				
13	M/s SSSV TEXTILE INDUSTRIES (New Addition in ALMM)	BARSAT TO JAMALPUR ROAD, VPO BARSAT, GHARAUNDA, KARNAL, HARYANA, India, 132114	R-91021903	1232	i	Bifacial N-Type TOPCon Module (Glass to Glass)	AROMA620D156GG (620 Wp)	AROMA650D156GG	23.28	156 Half Cut Cell	1500	06.07.2026	05.07.2030
								AROMA645D156GG	23.10				
								AROMA640D156GG	22.92				
								AROMA635D156GG	22.74				
								AROMA630D156GG	22.57				
								AROMA625D156GG	22.39				
								AROMA620D156GG	22.21				
								AROMA615D156GG	22.03				
								AROMA610D156GG	21.85				
								AROMA605D156GG	21.67				
								AROMA600D156GG	21.49				
								AROMA595D156GG	21.31				

S. No.	Name of the Manufacturer	Location/ address of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								AROMA590D156GG	21.13				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	AROMA575D144GG (575 Wp)	AROMA600D144GG	23.23	144 Half Cut Cell	1500		
								AROMA595D144GG	23.03				
								AROMA590D144GG	22.84				
								AROMA585D144GG	22.65				
								AROMA580D144GG	22.45				
								AROMA575D144GG	22.26				
								AROMA570D144GG	22.07				
								AROMA565D144GG	21.87				
								AROMA560D144GG	21.68				
								AROMA555D144GG	21.48				
								AROMA550D144GG	21.29				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	AROMA620N156GG (620 Wp)	AROMA650N156GG	23.28	156 Half Cut Cell	1500		
								AROMA645N156GG	23.10				
								AROMA640N156GG	22.92				
								AROMA635N156GG	22.74				
								AROMA630N156GG	22.57				
								AROMA625N156GG	22.39				
								AROMA620N156GG	22.21				
								AROMA615N156GG	22.03				
								AROMA610N156GG	21.85				
								AROMA605N156GG	21.67				
								AROMA600N156GG	21.49				
								AROMA595N156GG	21.31				
								AROMA590N156GG	21.13				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	AROMA575N144GG (575 Wp)	AROMA600N144GG	23.23	144 Half Cut Cell	1500		
								AROMA595N144GG	23.03				
								AROMA590N144GG	22.84				
								AROMA585N144GG	22.65				
								AROMA580N144GG	22.45				
								AROMA575N144GG	22.26				
								AROMA570N144GG	22.07				
								AROMA565N144GG	21.87				
								AROMA560N144GG	21.68				
								AROMA555N144GG	21.48				
								AROMA550N144GG	21.29				
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	AROMA-ND620-132GG (620 Wp)	AROMA-ND650-132GG	24.06	132 Half Cut Cell	1500		
								AROMA-ND645-132GG	23.88				
								AROMA-ND640-132GG	23.69				
								AROMA-ND635-132GG	23.51				
								AROMA-ND630-132GG	23.32				
								AROMA-ND625-132GG	23.14				
								AROMA-ND620-132GG	22.95				
								AROMA-ND615-132GG	22.77				
								AROMA-ND610-132GG	22.58				
								AROMA-ND605-132GG	22.40				
								AROMA-ND600-132GG	22.21				
								AROMA-ND595-132GG	22.03				
								AROMA-ND590-132GG	21.84				
					vi	Bifacial N-Type TOPCon Module (Glass to Glass)	AROMA-D620-132GG (620 Wp)	AROMA-D650-132GG	24.06	132 Half Cut Cell	1500		
								AROMA-D645-132GG	23.88				
								AROMA-D640-132GG	23.69				
								AROMA-D635-132GG	23.51				
								AROMA-D630-132GG	23.32				
								AROMA-D625-132GG	23.14				
								AROMA-D620-132GG	22.95				
								AROMA-D615-132GG	22.77				
								AROMA-D610-132GG	22.58				
								AROMA-D605-132GG	22.40				
								AROMA-D600-132GG	22.21				
								AROMA-D595-132GG	22.03				
								AROMA-D590-132GG	21.84				
					vii	Bifacial N-Type TOPCon Module (Glass to Glass)	AROMA-ND565-120GG (565 Wp)	AROMA-ND590-120GG	23.97	120 Half Cut Cell	1500		
								AROMA-ND585-120GG	23.76				
								AROMA-ND580-120GG	23.56				
								AROMA-ND575-120GG	23.36				
								AROMA-ND570-120GG	23.15				

S. No.	Name of the Manufacturer	Location/ address of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								AROMA-ND565-120GG	22.95				
								AROMA-ND560-120GG	22.75				
								AROMA-ND555-120GG	22.54				
								AROMA-ND550-120GG	22.34				
								AROMA-ND545-120GG	22.14				
								AROMA-ND540-120GG	21.93				
					viii	Bifacial N-Type TOPCon Module (Glass to Glass)	AROMA-D565-120GG (565 Wp)	AROMA-D590-120GG	23.97	120 Half Cut Cell	1500		
								AROMA-D585-120GG	23.76				
								AROMA-D580-120GG	23.56				
								AROMA-D575-120GG	23.36				
								AROMA-D570-120GG	23.15				
								AROMA-D565-120GG	22.95				
								AROMA-D560-120GG	22.75				
								AROMA-D555-120GG	22.54				
								AROMA-D550-120GG	22.34				
								AROMA-D545-120GG	22.14				
								AROMA-D540-120GG	21.93				
14	M/s ISH SOLAR PRIVATE LIMITED (New Addition in ALMM)	GROUND FLOOR, BLOCK NO.550/B, OM ISH PARK, OLPAD SAYAN ROAD, B/H PRAMUKH ABC INDUSTRIAL AREA, OLPAD, SURAT, GUJARAT -394540, India	R-72015458	816	i	Bifacial N-Type TOPCon Module (Glass to Glass)	ISHTG12R66H630 (630 Wp)	ISHTG12R66H650	24.063	132 (Half Cut Cells)	1500	06.07.2026	05.07.2030
								ISHTG12R66H645	23.878				
								ISHTG12R66H640	23.693				
								ISHTG12R66H635	23.508				
								ISHTG12R66H630	23.323				
								ISHTG12R66H625	23.138				
								ISHTG12R66H620	22.953				
								ISHTG12R66H615	22.768				
								ISHTG12R66H610	22.583				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	ISHTM10R78H635 (635 Wp)	ISHTM10R78H650	23.253	156 (Half Cut Cells)	1500		
								ISHTM10R78H645	23.074				
								ISHTM10R78H640	22.895				
								ISHTM10R78H635	22.717				
								ISHTM10R78H630	22.538				
								ISHTM10R78H625	22.359				
								ISHTM10R78H620	22.180				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	ISHTM10R72H590 (590 Wp)	ISHTM10R72H605	23.420	144 (Half Cut Cells)	1500		
								ISHTM10R72H600	23.227				
								ISHTM10R72H595	23.033				
								ISHTM10R72H590	22.839				
								ISHTM10R72H585	22.646				
								ISHTM10R72H580	22.452				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	ISHTM10R60H490 (490 Wp)	ISHTM10R60H500	23.109	120 (Half Cut Cells)	1500		
								ISHTM10R60H495	22.878				
								ISHTM10R60H490	22.647				
								ISHTM10R60H485	22.416				
								ISHTM10R60H480	22.185				
15	M/s POWERSPHERE RENEWABLE PRIVATE LIMITED (New Addition in ALMM)	NO.766, KUNTHUMARANAPALLI VILLAGE3, DENKANIKOTTAI, TALUK KUNDUMARAN, KRISHNAGIRI, TAMIL NADU-635113.	R-61007200	654	i	Bifacial N-Type TOPCon Module (Glass to Glass)	PSTG12R66GG625 (625 Wp)	PSTG12R66GG640	23.69	132 (Half Cut Cells)	1500	06.07.2026	05.07.2030
								PSTG12R66GG635	23.51				
								PSTG12R66GG630	23.32				
								PSTG12R66GG625	23.14				
								PSTG12R66GG620	22.95				
								PSTG12R66GG615	22.77				
								PSTG12R66GG610	22.58				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	PSPG12R60GG570 (570 Wp)	PSPG12R60GG580	23.55	120 (Half Cut Cells)	1500		
								PSPG12R60GG575	23.35				
								PSPG12R60GG570	23.14				
								PSPG12R60GG565	22.94				
								PSPG12R60GG560	22.74				
								PSPG12R60GG555	22.53				
								PSPG12R60GG550	22.33				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	PSMG12R54GG495 (495Wp)	PSMG12R54GG510	22.95	108 (Half Cut Cells)	1500		
								PSMG12R54GG505	22.72				
								PSMG12R54GG500	22.50				
								PSMG12R54GG495	22.27				
								PSMG12R54GG490	22.05				
								PSMG12R54GG485	21.82				
								PSMG12R54GG480	21.60				
					iv	Bifacial N-Type TOPCon Module	PSCG12R48GG445 (445 Wp)	PSCG12R48GG455	22.77	96 (Half Cut Cells)	1500		
								PSCG12R48GG450	22.52				

S. No.	Name of the Manufacturer	Location/ address of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
						(Glass to Glass)		PSCG12R48GG445	22.27				
								PSCG12R48GG440	22.02				
								PSCG12R48GG435	21.77				
								PSCG12R48GG430	21.52				
16	**M/s SRI SAVITR SOLAR PVT LTD** **(Model Addition + Capacity Addition)**	**Ground, 3-113/1/1A, Sy No.42A,Opp.granules India, Chetlapotharam, Hyderabad, Sangareddy, Telangana, India-502319**	**R-63000922**	**244**	i	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SAVITRU156-635 (635 Wp)	SAVITRU156-650	23.27	156 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								SAVITRU156-645	23.09				
								SAVITRU156-640	22.92				
								SAVITRU156-635	22.74				
								SAVITRU156-630	22.56				
								SAVITRU156-625	22.38				
								SAVITRU156-620	22.20				
					ii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SAVITRU156-600 (600 Wp)	SAVITRU156-615	22.02	156 (Half Cut Cells)	1500		
								SAVITRU156-610	21.84				
								SAVITRU156-605	21.66				
								SAVITRU156-600	21.48				
								SAVITRU156-595	21.30				
								SAVITRU156-590	21.13				
								SAVITRU156-585	20.95				
					iii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SAVITRU144-590 (590 Wp)	SAVITRU144-600	23.28	144 (Half Cut Cells)	1500		
								SAVITRU144-595	23.08				
								SAVITRU144-590	22.89				
								SAVITRU144-585	22.70				
								SAVITRU144-580	22.50				
								SAVITRU144-575	22.31				
					iv	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SAVITRU144-560 (560 Wp)	SAVITRU144-570	22.11	144 (Half Cut Cells)	1500		
								SAVITRU144-565	21.92				
								SAVITRU144-560	21.73				
								SAVITRU144-555	21.53				
								SAVITRU144-550	21.34				
								SAVITRU144-545	21.14				
								SAVITRU144-540	20.95				
					v	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SAVITRU132-540 (540 Wp)	SAVITRU132-550	23.23	132 (Half Cut Cells)	1500		
								SAVITRU132-545	23.02				
								SAVITRU132-540	22.80				
								SAVITRU132-535	22.59				
								SAVITRU132-530	22.38				
								SAVITRU132-525	22.17				
					vi	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SAVITRU132-510 (510 Wp)	SAVITRU132-520	21.96	132 (Half Cut Cells)	1500		
								SAVITRU132-515	21.75				
								SAVITRU132-510	21.54				
								SAVITRU132-505	21.33				
								SAVITRU132-500	21.12				
								SAVITRU132-495	20.90				
					vii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SAVITRU120-490 (490 Wp)	SAVITRU120-500	23.17	120(Half Cut Cells)	1500		
								SAVITRU120-495	22.93				
								SAVITRU120-490	22.70				
								SAVITRU120-485	22.47				
								SAVITRU120-480	22.24				
								SAVITRU120-475	22.01				
					viii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SAVITRU120-460 (460 Wp)	SAVITRU120-470	21.78	120(Half Cut Cells)	1500		
								SAVITRU120-465	21.54				
								SAVITRU120-460	21.31				
								SAVITRU120-455	21.08				
								SAVITRU120-450	20.85				
					ix	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SAVITRU108-440 (440 Wp)	SAVITRU108-450	23.09	108(Half Cut Cells)	1500		
								SAVITRU108-445	22.84				
								SAVITRU108-440	22.58				
								SAVITRU108-435	22.32				
								SAVITRU108-430	22.07				
					x	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SAVITRU108-415 (415 Wp)	SAVITRU108-425	21.81	108(Half Cut Cells)	1500		
								SAVITRU108-420	21.55				
								SAVITRU108-415	21.30				
								SAVITRU108-410	21.04				
								SAVITRU108-405	20.78				
					xi	Bifacial N-Type TOPCon Module (Glass to Transparent	SAVITRU72-290 (290 Wp)	SAVITRU72-300	22.59	72(Half Cut Cells)	1500		
								SAVITRU72-295	22.22				
								SAVITRU72-290	21.84				

S. No.	Name of the Manufacturer	Location/ address of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
						Backsheet)		SAVITRU72-285	21.46				
					xii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SAVITRU72-275 (275 Wp)	SAVITRU72-280	21.09	72(Half Cut Cells)	1500		
								SAVITRU72-275	20.71				
								SAVITRU72-270	20.33				
17	M/s. Luminous Power Technologies Pvt. Ltd (Model Addition under Co-ALMM)	Co-ALMM with M/s. Knack Energy Private Limited Manufacturing Address: Survey No. 291 & 292, Besides Kamla Amrut Industrial Estate, Budasun, Near Hitachi, Jhonson Kadi, Mehsana - 382715,Gujarat, India	R-72013200	19-20 MW/Month (As per Co-Branding agreement)	i	Bifacial N-Type TOPCon Module (Glass to Glass)	LUM 630TG156 KE16B (630 Wp)	LUM 605TG156 KE16B	21.63	156 (Half Cut Cells)	1500	06.07.2026	06.02.2027
								LUM 610TG156 KE16B	21.81				
								LUM 615TG156 KE16B	21.99				
								LUM 620TG156 KE16B	22.17				
								LUM 625TG156 KE16B	22.35				
								LUM 630TG156 KE16B	22.53				
								LUM 635TG156 KE16B	22.71				
								LUM 640TG156 KE16B	22.89				
								LUM 645TG156 KE16B	23.07				
								LUM 650TG156 KE16B	23.24				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	LUM 630TG156 KE16A (630 Wp)	LUM 605TG156 KE16A	21.63	156 (Half Cut Cells)	1500		
								LUM 610TG156 KE16A	21.81				
								LUM 615TG156 KE16A	21.99				
								LUM 620TG156 KE16A	22.17				
								LUM 625TG156 KE16A	22.35				
								LUM 630TG156 KE16A	22.53				
								LUM 635TG156 KE16A	22.71				
								LUM 640TG156 KE16A	22.89				
								LUM 645TG156 KE16A	23.07				
								LUM 650TG156 KE16A	23.24				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	LUM 560TG144 KE16B (560 Wp)	LUM 545TG144 KE16B	21.10	144 (Half Cut Cells)	1500		
								LUM 550TG144 KE16B	21.29				
								LUM 555TG144 KE16B	21.48				
								LUM 560TG144 KE16B	21.68				
								LUM 565TG144 KE16B	21.87				
								LUM 570TG144 KE16B	22.07				
								LUM 575TG144 KE16B	22.26				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	LUM 590TG144 KE16B (590 Wp)	LUM 580TG144 KE16B	22.45	144 (Half Cut Cells)	1500		
								LUM 585TG144 KE16B	22.65				
								LUM 590TG144 KE16B	22.84				
								LUM 595TG144 KE16B	23.03				
								LUM 600TG144 KE16B	23.23				
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	LUM 560TG144 KE16A (560 Wp)	LUM 545TG144 KE16A	21.10	144 (Half Cut Cells)	1500		
								LUM 550TG144 KE16A	21.29				
								LUM 555TG144 KE16A	21.48				
								LUM 560TG144 KE16A	21.68				
								LUM 565TG144 KE16A	21.87				
								LUM 570TG144 KE16A	22.07				
								LUM 575TG144 KE16A	22.26				
					vi	Bifacial N-Type TOPCon Module (Glass to Glass)	LUM 590TG144 KE16A (590 Wp)	LUM 580TG144 KE16A	22.45	144 (Half Cut Cells)	1500		
								LUM 585TG144 KE16A	22.65				
								LUM 590TG144 KE16A	22.84				
								LUM 595TG144 KE16A	23.03				
								LUM 600TG144 KE16A	23.23				
					vii	Bifacial Mono c-Si PERC Module (Glass to Glass)	LUM 530MG144 KE10A (530 Wp)	LUM 505MG144 KE10A	19.55	144 (Half Cut Cells)	1500		
								LUM 510MG144 KE10A	19.74				
								LUM 515MG144 KE10A	19.94				
								LUM 520MG144 KE10A	20.13				
								LUM 525MG144 KE10A	20.32				
								LUM 530MG144 KE10A	20.52				
								LUM 535MG144 KE10A	20.71				
								LUM 540MG144 KE10A	20.90				
								LUM 545MG144 KE10A	21.10				
								LUM 550MG144 KE10A	21.29				
								LUM 555MG144 KE10A	21.48				
					viii	Bifacial N-Type TOPCon Module (Glass to Glass)	LUM 515TG132 KE16B (515 Wp)	LUM 495TG132 KE16B	20.87	132 (Half Cut Cells)	1500		
								LUM 500TG132 KE16B	21.08				
								LUM 505TG132 KE16B	21.29				
								LUM 510TG132 KE16B	21.50				
								LUM 515TG132 KE16B	21.71				
								LUM 520TG132 KE16B	21.92				
								LUM 525TG132 KE16B	22.13				

S. No.	Name of the Manufacturer	Location/ address of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								LUM 530TG132 KE16B	22.34				
								LUM 535TG132 KE16B	22.55				
								LUM 540TG132 KE16B	22.76				
					ix	Bifacial N-Type TOPCon Module (Glass to Glass)	LUM 515TG132 KE16A (515 Wp)	LUM 495TG132 KE16A	20.87	132 (Half Cut Cells)	1500		
								LUM 500TG132 KE16A	21.08				
								LUM 505TG132 KE16A	21.29				
								LUM 510TG132 KE16A	21.50				
								LUM 515TG132 KE16A	21.71				
								LUM 520TG132 KE16A	21.92				
								LUM 525TG132 KE16A	22.13				
								LUM 530TG132 KE16A	22.34				
								LUM 535TG132 KE16A	22.55				
								LUM 540TG132 KE16A	22.76				
					x	Bifacial Mono c-Si PERC Module (Glass to Glass)	LUM 480MG132 KE10A (480 Wp)	LUM 460MG132 KE10A	19.39	132 (Half Cut Cells)	1500		
								LUM 465MG132 KE10A	19.60				
								LUM 470MG132 KE10A	19.81				
								LUM 475MG132 KE10A	20.02				
								LUM 480MG132 KE10A	20.23				
								LUM 485MG132 KE10A	20.44				
								LUM 490MG132 KE10A	20.65				
								LUM 495MG132 KE10A	20.87				
								LUM 500MG132 KE10A	21.08				
					xi	Bifacial N-Type TOPCon Module (Glass to Glass)	AMS 630TG156 KE16B (630 Wp)	AMS 605TG156 KE16B	21.63	156 (Half Cut Cells)	1500		
								AMS 610TG156 KE16B	21.81				
								AMS 615TG156 KE16B	21.99				
								AMS 620TG156 KE16B	22.17				
								AMS 625TG156 KE16B	22.35				
								AMS 630TG156 KE16B	22.53				
								AMS 635TG156 KE16B	22.71				
								AMS 640TG156 KE16B	22.89				
								AMS 645TG156 KE16B	23.07				
								AMS 650TG156 KE16B	23.24				
					xii	Bifacial N-Type TOPCon Module (Glass to Glass)	AMS 630TG156 KE16A (630 Wp)	AMS 605TG156 KE16A	21.63	156 (Half Cut Cells)	1500		
								AMS 610TG156 KE16A	21.81				
								AMS 615TG156 KE16A	21.99				
								AMS 620TG156 KE16A	22.17				
								AMS 625TG156 KE16A	22.35				
								AMS 630TG156 KE16A	22.53				
								AMS 635TG156 KE16A	22.71				
								AMS 640TG156 KE16A	22.89				
								AMS 645TG156 KE16A	23.07				
								AMS 650TG156 KE16A	23.24				
					xiii	Bifacial N-Type TOPCon Module (Glass to Glass)	AMS 560TG144 KE16B (560 Wp)	AMS 545TG144 KE16B	21.10	144 (Half Cut Cells)	1500		
								AMS 550TG144 KE16B	21.29				
								AMS 555TG144 KE16B	21.48				
								AMS 560TG144 KE16B	21.68				
								AMS 565TG144 KE16B	21.87				
								AMS 570TG144 KE16B	22.07				
								AMS 575TG144 KE16B	22.26				
					xiv	Bifacial N-Type TOPCon Module (Glass to Glass)	AMS 590TG144 KE16B (590 Wp)	AMS 580TG144 KE16B	22.45	144 (Half Cut Cells)	1500		
								AMS 585TG144 KE16B	22.65				
								AMS 590TG144 KE16B	22.84				
								AMS 595TG144 KE16B	23.03				
								AMS 600TG144 KE16B	23.23				
					xv	Bifacial N-Type TOPCon Module (Glass to Glass)	AMS 560TG144 KE16A (560 Wp)	AMS 545TG144 KE16A	21.10	144 (Half Cut Cells)	1500		
								AMS 550TG144 KE16A	21.29				
								AMS 555TG144 KE16A	21.48				
								AMS 560TG144 KE16A	21.68				
								AMS 565TG144 KE16A	21.87				
								AMS 570TG144 KE16A	22.07				
								AMS 575TG144 KE16A	22.26				
					xvi	Bifacial N-Type TOPCon Module (Glass to Glass)	AMS 590TG144 KE16A (590 Wp)	AMS 580TG144 KE16A	22.45	144 (Half Cut Cells)	1500		
								AMS 585TG144 KE16A	22.65				
								AMS 590TG144 KE16A	22.84				
								AMS 595TG144 KE16A	23.03				
								AMS 600TG144 KE16A	23.23				
					xvii	Bifacial Mono c-Si PERC	AMS 530MG144 KE10A	AMS 505MG144 KE10A	19.55	144 (Half Cut Cells)	1500		

S. No.	Name of the Manufacturer	Location/ address of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
						Module (Glass to Glass)	(530 Wp)	AMS 510MG144 KE10A	19.74				
								AMS 515MG144 KE10A	19.94				
								AMS 520MG144 KE10A	20.13				
								AMS 525MG144 KE10A	20.32				
								AMS 530MG144 KE10A	20.52				
								AMS 535MG144 KE10A	20.71				
								AMS 540MG144 KE10A	20.90				
								AMS 545MG144 KE10A	21.10				
								AMS 550MG144 KE10A	21.29				
								AMS 555MG144 KE10A	21.48				
					xviii	Bifacial N-Type TOPCon Module (Glass to Glass)	AMS 515TG132 KE16B (515 Wp)	AMS 495TG132 KE16B	20.87	132 (Half Cut Cells)	1500		
								AMS 500TG132 KE16B	21.08				
								AMS 505TG132 KE16B	21.29				
								AMS 510TG132 KE16B	21.50				
								AMS 515TG132 KE16B	21.71				
								AMS 520TG132 KE16B	21.92				
								AMS 525TG132 KE16B	22.13				
								AMS 530TG132 KE16B	22.34				
								AMS 535TG132 KE16B	22.55				
								AMS 540TG132 KE16B	22.76				
					xix	Bifacial N-Type TOPCon Module (Glass to Glass)	AMS 515TG132 KE16A (515 Wp)	AMS 495TG132 KE16A	20.87	132 (Half Cut Cells)	1500		
								AMS 500TG132 KE16A	21.08				
								AMS 505TG132 KE16A	21.29				
								AMS 510TG132 KE16A	21.50				
								AMS 515TG132 KE16A	21.71				
								AMS 520TG132 KE16A	21.92				
								AMS 525TG132 KE16A	22.13				
								AMS 530TG132 KE16A	22.34				
								AMS 535TG132 KE16A	22.55				
								AMS 540TG132 KE16A	22.76				
					xx	Bifacial Mono c-Si PERC Module (Glass to Glass)	AMS 480MG132 KE10A (480 Wp)	AMS 460MG132 KE10A	19.39	132 (Half Cut Cells)	1500		
								AMS 465MG132 KE10A	19.60				
								AMS 470MG132 KE10A	19.81				
								AMS 475MG132 KE10A	20.02				
								AMS 480MG132 KE10A	20.23				
								AMS 485MG132 KE10A	20.44				
								AMS 490MG132 KE10A	20.65				
								AMS 495MG132 KE10A	20.87				
								AMS 500MG132 KE10A	21.08				
18	**M/s. Rajasthan Electronics and Instruments Limited (REIL)** **(Model Addition under Co-ALMM)**	**Co-ALMM with M/s. Oswal Solar Energy Private Limited** **Manufacturing Address: OPPOSITE DD INTERNATIONAL PVT. LTD., LINK ROAD, VILLAGE KUTAIL, KARNAL, HARYANA, India -132037**	**R-91021172**	**5 MW**	i	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ROSWAL550MPN144 (550 Wp)	ROSWAL540MPN144	20.90	144 (Half Cut Cells)	1500	06.07.2026	02.11.2027
								ROSWAL545MPN144	21.09				
								ROSWAL550MPN144	21.29				

Note: In case of model inclusion or capacity addition / change, through revision in ALMM List, the capacity mentioned against any manufacturing unit, as appearing in the said Revision to the ALMM List, shall be the ALMM enlisted manufacturing capacity for that manufacturing unit (from the date of the said revision), and the capacity enlisted for that manufacturing unit should not be interpreted as Sum of (enlisted capacity for that manufacturing unit in previous ALMM list/ previous revision to ALMM List) and (enlisted capacity in the present revision)

F. No. 283/41/2024-GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय / Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003.
Dated: 1st May 2026

OFFICE MEMORANDUM

Sub: Updation of List I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 – Reg.

Ref: (i) MNRE's O.M. No. 283/54/2018-GRID SOLAR–Part(1) dated 10.03.2021
(ii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 10.05.2023;
(iii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 22.03.2024;
(iv) MNRE's O.M. No. 32/33/2024-SPV Division dated 06.05.2025;

Reference is invited to this Ministry's O.M.s of even no. dated 10.03.2021, regarding implementation of Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirement for Compulsory Registration) Order, 2019 and publishing List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019.

2. This Ministry vide its O.M.s referred at (ii), (iii) & (iv) above, inter-alia, directed that only such models of Solar PV Module Manufacturers will be enlisted under ALMM, which comply with the BIS Standards and are having the following minimum module efficiency:

Category	**Application/Use**	**Minimum Module Efficiency required to be eligible for enlistment in ALMM for solar PV modules**	
		For c-Si technology based solar PV modules	**For CdTe thin film technology based solar PV modules**
Category-I	Utility/Grid Scale Power Plants	20.00%	19.00%
Category-II	Rooftop and Solar Pumping	19.50%	18.50%
Category-III	Off-grid projects/applications like solar lamps, solar lights, solar street lights, solar fans, etc. (other than solar powered agricultural pumps and solar PV rooftops) requiring individual capacity of each solar PV module deployed, to be of less than 200 Watt peak	18.00%	18.00%
		(not to be included in main ALMM List-I but to be included in a separate ALMM list called ALMM List-I (DRE)	
Category-IV	Any other application	19.00%	18.00%

3. Post the aforesaid O.M. dated 10.05.2023 and subsequent O.M.s dated 22.03.2024 and 06.05.2025, only such models of Solar PV Modules have been considered for enlistment under ALMM List-I, whose module efficiency is meeting the eligibility criteria as mentioned in table at para-2 above.

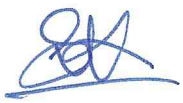
4. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 was last updated on 01.03.2026.

5. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 is hereby further revised and the Revision-XLVIII *(in the format of additions / modifications to Revision-XLVII)* is enclosed at Annexure-I. The last revision no. XLVII dated 01.03.2026 is at pages after Annexure-I.

6. The ALMM enlistment validity is subject to valid BIS Registration; else deemed to be delisted.

7. The details of Registration No. (R. No.) which has been allotted by BIS is mentioned against each manufacturer / manufacturing unit enlisted in ALMM and further details related to BIS certification like validity, models included, etc. may be checked from BIS website by using the following link:
https://www.crsbis.in/BIS/Lims_registrationc.do?hmode=getLimsData

8. This issues with the approval of competent authority.



(Sanjay G. Karndhar)
Scientist-E
E-mail: karndhar.sg@nic.in

Encl: as above

To: All Concerned
Copy to: Director (Technical), NIC, MNRE for uploading this document on MNRE's website

Annexure-I
Revision-XLVIII

A. Amendments/ Updations in previous lists of ALMM List-I

Name of the following 2 companies have been changed as given: -

1. Name of M/s Oswal Solar Structure Pvt Ltd., has been changed to:
   M/s OSWAL SOLAR ENERGY PRIVATE LIMITED.

2. Name of M/s Sun N Sand Exim (India) Pvt. Ltd has been changed to:
   M/s SOLARMINT ENERGIES PRIVATE LIMITED.

Annexure-I
Revision-XLVIII

B. New additions on 01/05/2026 in the List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
1	M/s Sudarshan Saur Shakti Pvt. Ltd (New Addition in ALMM)	GUT NO. 37, ITAWA, GANGAPUR, WALUJ MIDC, CHHATRAPATISAMBHAJI NAGAR. MAHARASHTRA,India-431136	R-71046108	360	i	Bifacial N-Type TOPCon Module (Glass to Glass)	SUDS-G12R-132-620 (620 Wp)	SUDS-G12R-132-635	23.51	132 (Half Cut Cells)	1500	01.05.2026	30.04.2030
								SUDS-G12R-132-630	23.32				
								SUDS-G12R-132-625	23.14				
								SUDS-G12R-132-620	22.95				
								SUDS-G12R-132-615	22.77				
								SUDS-G12R-132-610	22.58				
								SUDS-G12R-132-605	22.40				
								SUDS-G12R-132-600	22.21				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	SUDS-M10R-144-535 (535 Wp)	SUDS-M10R-144-560	21.68	144 (Half Cut Cells)	1500		
								SUDS-M10R-144-555	21.48				
								SUDS-M10R-144-550	21.29				
								SUDS-M10R-144-545	21.10				
								SUDS-M10R-144-540	20.90				
								SUDS-M10R-144-535	20.71				
								SUDS-M10R-144-530	20.52				
								SUDS-M10R-144-525	20.32				
								SUDS-M10R-144-520	20.13				
								SUDS-M10R-144-515	19.94				
								SUDS-M10R-144-510	19.74				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	SUDS-M10R-144-505 (505 Wp)	SUDS-M10R-144-505	19.55	144 (Half Cut Cells)	1500		
2	M/s UNIQUE SUN POWER PRIVATE LIMITED (Model Addition + Capacity Addition)	BL NO. 2281/2/1/1, SUB PLOT. 1-A, TADKESHWAR, NEAR ARETH MINNOR CANAL, MANDVI, SURAT GUJARAT,India-394170	R-72005550	609	i	Bifacial N-Type TOPCon Module (Glass to Glass)	SUN132R620 (620 Wp)	SUN132R650	24.06	132 (Half Cut Cells)	1500	21.05.2025	20.05.2029
								SUN132R645	23.88				
								SUN132R640	23.69				
								SUN132R635	23.51				
								SUN132R630	23.32				
								SUN132R625	23.14				
								SUN132R620	22.95				
								SUN132R615	22.77				
								SUN132R610	22.58				
								SUN132R605	22.40				
								SUN132R600	22.21				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	SUN120R570 (570 Wp)	SUN120R590	23.97	120 (Half Cut Cells)	1500		
								SUN120R580	23.56				
								SUN120R570	23.15				
								SUN120R560	22.75				
								SUN120R550	22.34				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	SUN120R530 (530 Wp)	SUN120R540	21.93	120 (Half Cut Cells)	1500		
								SUN120R535	21.73				
								SUN120R530	21.53				
								SUN120R525	21.32				
3	M/s SUNIFY SOLAR LLP (Model Addition + Capacity Change)	Survey no. 624P1, Near Hanuman Temple, Sarvad, Pipaliya Maliya Highway, Chachavadarda road, Morbi - 363660, Gujarat, India	R-72005800	1533	i	Bifacial G12R TOPCon Module (Glass to Glass)	SS132N615G12R (615 Wp)	SS132N635G12R	23.51	132 (Half Cut Cells)	1500	21.04.2025	20.04.2029
								SS132N630G12R	23.32				
								SS132N625G12R	23.14				
								SS132N620G12R	22.95				
								SS132N615G12R	22.77				
								SS132N610G12R	22.58				
								SS132N605G12R	22.40				
								SS132N600G12R	22.21				
								SS132N595G12R	22.03				
					ii	Bifacial G12R TOPCon Module (Glass to Glass)	SS120N590G12R (590 Wp)	SS120N590G12R	23.95	120 (Half Cut Cells)	1500		
					iii	Bifacial G12R TOPCon Module (Glass to Glass)	SS120N560G12R (560 Wp)	SS120N585G12R	23.75	120 (Half Cut Cells)	1500		
								SS120N580G12R	23.55				
								SS120N575G12R	23.35				
								SS120N570G12R	23.14				
								SS120N565G12R	22.94				
								SS120N560G12R	22.74				
								SS120N555G12R	22.53				
								SS120N550G12R	22.33				
								SS120N545G12R	22.13				
								SS120N540G12R	21.92				
								SS120N535G12R	21.72				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					iv	Bifacial G12R TOPCon Module (Glass to Glass)	SS108N505G12R (505 Wp)	SS108N530G12R	23.85	108 (Half Cut Cells)	1500		
								SS108N525G12R	23.62				
								SS108N520G12R	23.40				
								SS108N515G12R	23.17				
								SS108N510G12R	22.95				
								SS108N505G12R	22.72				
								SS108N500G12R	22.50				
								SS108N495G12R	22.27				
								SS108N490G12R	22.05				
								SS108N485G12R	21.82				
								SS108N480G12R	21.60				
4	M/s RAYZON SOLAR LIMITED (Model Addition + Capacity Addition)	BLOCK NO.:172/1, SUB PLOT NO.:02, B/S EMINENT PAPER INDUSTRIES, SAVA, MANGROL, SURAT GUJARAT,India-394120	R-72014702	7913	i	Bifacial N-Type TOPCon Module (Glass to Glass)	RS715132TGC (715 Wp)	RS750132TGC	24.14	132 (Half Cut cell)	1500	22.12.2025	21.12.2029
								RS745132TGC	23.98				
								RS740132TGC	23.82				
								RS735132TGC	23.66				
								RS730132TGC	23.50				
								RS725132TGC	23.34				
								RS720132TGC	23.18				
								RS715132TGC	23.02				
								RS710132TGC	22.86				
								RS705132TGC	22.70				
								RS700132TGC	22.53				
								RS695132TGC	22.37				
								RS690132TGC	22.21				
								RS685132TGC	22.05				
								RS680132TGC	21.89				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	RS675132TGC (675 Wp)	RS675132TGC	21.73	132 (Half Cut cell)	1500		
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	RS620132TGC (620 Wp)	RS650132TGC	24.08	132 (Half Cut cell)	1500		
								RS645132TGC	23.90				
								RS640132TGC	23.71				
								RS635132TGC	23.53				
								RS630132TGC	23.34				
								RS625132TGC	23.16				
								RS620132TGC	22.97				
								RS615132TGC	22.79				
								RS610132TGC	22.60				
								RS605132TGC	22.42				
								RS600132TGC	22.23				
								RS595132TGC	22.05				
								RS590132TGC	21.86				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	RS585132TGC (585 Wp)	RS585132TGC	21.68	132 (Half Cut cell)	1500		
5	M/s NOVASYS GREENERGY LIMITED (New Addition in ALMM)	PLOT NO. 59, KH. NO. 178, 179, NAVKAR INDUSTRIAL & LOGISTIC PARK, MAUZA-MAHALGAON, TAH-KAMPTEE, KADOLI, NAGPUR, MAHARASHTRA,India-441202	R-71042080	865	i	Bifacial N-Type TOPCon Module (Glass to Glass)	NSL625TM10RG156 (625 Wp)	NSL600TM10RG156	21.40	156 (Half Cut Cells)	1500	01.05.2026	30.04.2030
								NSL605TM10RG156	21.57				
								NSL610TM10RG156	21.75				
								NSL615TM10RG156	21.93				
								NSL620TM10RG156	22.11				
								NSL625TM10RG156	22.29				
								NSL630TM10RG156	22.46				
								NSL635TM10RG156	22.64				
								NSL640TM10RG156	22.82				
								NSL645TM10RG156	23.00				
								NSL650TM10RG156	23.18				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	NSL575TM10RG144 (575 Wp)	NSL550TM10RG144	21.20	144 (Half Cut Cells)	1500		
								NSL555TM10RG144	21.39				
								NSL560TM10RG144	21.58				
								NSL565TM10RG144	21.78				
								NSL570TM10RG144	21.97				
								NSL575TM10RG144	22.16				
								NSL580TM10RG144	22.35				
								NSL585TM10RG144	22.55				
								NSL590TM10RG144	22.74				
								NSL595TM10RG144	22.93				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								NSL600TM10RG144	23.13				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	NSL525TM10RG132 (525 Wp)	NSL500TM10RG132	20.98	132 (Half Cut Cells)	1500		
								NSL505TM10RG132	21.19				
								NSL510TM10RG132	21.40				
								NSL515TM10RG132	21.61				
								NSL520TM10RG132	21.82				
								NSL525TM10RG132	22.02				
								NSL530TM10RG132	22.23				
								NSL535TM10RG132	22.44				
								NSL540TM10RG132	22.65				
								NSL545TM10RG132	22.86				
								NSL550TM10RG132	23.07				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	NSL640TG12RG132 (640 Wp)	NSL615TG12RG132	22.77	132 (Half Cut Cells)	1500		
								NSL620TG12RG132	22.95				
								NSL625TG12RG132	23.14				
								NSL630TG12RG132	23.32				
								NSL635TG12RG132	23.51				
								NSL640TG12RG132	23.69				
								NSL645TG12RG132	23.88				
								NSL650TG12RG132	24.06				
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	NSL455TM10RG120 (455 Wp)	NSL450TM10RG120	20.70	120 (Half Cut Cells)	1500		
								NSL455TM10RG120	20.93				
					vi	Bifacial N-Type TOPCon Module (Glass to Glass)	NSL480TM10RG120 (480 Wp)	NSL460TM10RG120	21.16	120 (Half Cut Cells)	1500		
								NSL465TM10RG120	21.39				
								NSL470TM10RG120	21.62				
								NSL475TM10RG120	21.85				
								NSL480TM10RG120	22.08				
								NSL485TM10RG120	22.31				
								NSL490TM10RG120	22.54				
								NSL495TM10RG120	22.77				
								NSL500TM10RG120	23.00				
					vii	Bifacial N-Type TOPCon Module (Glass to Glass)	NSL570TG12RG120 (570 Wp)	NSL555TG12RG120	22.47	120 (Half Cut Cells)	1500		
								NSL560TG12RG120	22.67				
								NSL565TG12RG120	22.88				
								NSL570TG12RG120	23.08				
								NSL575TG12RG120	23.28				
								NSL580TG12RG120	23.48				
								NSL585TG12RG120	23.69				
								NSL590TG12RG120	23.89				
					viii	Bifacial N-Type TOPCon Module (Glass to Glass)	NSL405TM10RG108 (405 Wp)	NSL405TM10RG108	20.62	108 (Half Cut Cells)	1500		
					ix	Bifacial N-Type TOPCon Module (Glass to Glass)	NSL430TM10RG108 (430 Wp))	NSL410TM10RG108	20.87	108 (Half Cut Cells)	1500		
								NSL415TM10RG108	21.13				
								NSL420TM10RG108	21.38				
								NSL425TM10RG108	21.64				
								NSL430TM10RG108	21.89				
								NSL435TM10RG108	22.15				
								NSL440TM10RG108	22.40				
								NSL445TM10RG108	22.66				
								NSL450TM10RG108	22.91				
					x	Bifacial N-Type TOPCon Module (Glass to Glass)	NSL515TG12RG108 (515 Wp)	NSL500TG12RG108	22.42	108 (Half Cut Cells)	1500		
								NSL505TG12RG108	22.64				
								NSL510TG12RG108	22.86				
								NSL515TG12RG108	23.09				
								NSL520TG12RG108	23.31				
								NSL525TG12RG108	23.54				
								NSL530TG12RG108	23.76				
					xi	Bifacial N-Type TOPCon Module (Glass to Glass)	NSL365TM10RG96 (365 Wp)	NSL360TM10RG96	20.52	96 (Half Cut Cells)	1500		
								NSL365TM10RG96	20.81				
					xii	Bifacial N-Type TOPCon Module (Glass to Glass)	NSL385TM10RG96 (385 Wp)	NSL370TM10RG96	21.09	96 (Half Cut Cells)	1500		
								NSL375TM10RG96	21.38				
								NSL380TM10RG96	21.66				
								NSL385TM10RG96	21.95				
								NSL390TM10RG96	22.23				
								NSL395TM10RG96	22.52				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								NSL400TM10RG96	22.80				
					xiii	Bifacial N-Type TOPCon Module (Glass to Glass)	NSL455TG12RG96 (455 Wp)	NSL445TG12RG96	22.36	96 (Half Cut Cells)	1500		
								NSL450TG12RG96	22.61				
								NSL455TG12RG96	22.86				
								NSL460TG12RG96	23.11				
								NSL465TG12RG96	23.36				
								NSL470TG12RG96	23.62				
					xiv	Bifacial N-Type TOPCon Module (Glass to Glass)	NSL340TM10RG84 (340 Wp)	NSL330TM10RG84	21.38	84 (Half Cut Cells)	1500		
								NSL335TM10RG84	21.71				
								NSL340TM10RG84	22.03				
								NSL345TM10RG84	22.35				
								NSL350TM10RG84	22.68				
					xv	Bifacial N-Type TOPCon Module (Glass to Glass)	NSL400TG12RG84 (400 Wp)	NSL390TG12RG84	22.27	84 (Half Cut Cells)	1500		
								NSL395TG12RG84	22.56				
								NSL400TG12RG84	22.85				
								NSL405TG12RG84	23.13				
								NSL410TG12RG84	23.42				
					xvi	Bifacial N-Type TOPCon Module (Glass to Glass)	NSL295TM10RG72 (295 Wp)	NSL285TM10RG72	21.35	72(Half Cut Cells)	1500		
								NSL290TM10RG72	21.73				
								NSL295TM10RG72	22.10				
								NSL300TM10RG72	22.48				
					xvii	Bifacial N-Type TOPCon Module (Glass to Glass)	NSL345TG12RG72 (345 Wp)	NSL335TG12RG72	22.18	72(Half Cut Cells)	1500		
								NSL340TG12RG72	22.51				
								NSL345TG12RG72	22.84				
								NSL350TG12RG72	23.17				
								NSL355TG12RG72	23.50				
					xviii	Bifacial N-Type TOPCon Module (Glass to Glass)	NSL245TM10RG60 (245 Wp)	NSL235TM10RG60	20.93	60(Half Cut Cells)	1500		
								NSL240TM10RG60	21.38				
								NSL245TM10RG60	21.82				
								NSL250TM10RG60	22.27				
					xix	Bifacial N-Type TOPCon Module (Glass to Glass)	NSL290TG12RG60 (290 Wp)	NSL280TG12RG60	22.05	60(Half Cut Cells)	1500		
								NSL285TG12RG60	22.44				
								NSL290TG12RG60	22.83				
								NSL295TG12RG60	23.23				
					xx	Bifacial N-Type TOPCon Module (Glass to Glass)	NOVA575TG144 (575 Wp)	NOVA550TG144	21.29	144 (Half Cut Cells)	1500		
								NOVA555TG144	21.48				
								NOVA560TG144	21.68				
								NOVA565TG144	21.87				
								NOVA570TG144	22.07				
								NOVA575TG144	22.26				
								NOVA580TG144	22.45				
								NOVA585TG144	22.65				
								NOVA590TG144	22.84				
								NOVA595TG144	23.03				
								NOVA600TG144	23.23				
					xxi	Bifacial N-Type TOPCon Module (Glass to Glass)	NOVA525TG132 (525 Wp)	NOVA500TG132	20.98	132 (Half Cut Cells)	1500		
								NOVA505TG132	21.19				
								NOVA510TG132	21.40				
								NOVA515TG132	21.61				
								NOVA520TG132	21.82				
								NOVA525TG132	22.02				
								NOVA530TG132	22.23				
								NOVA535TG132	22.44				
								NOVA540TG132	22.65				
								NOVA545TG132	22.86				
								NOVA550TG132	23.07				
					xxii	Bifacial N-Type TOPCon Module (Glass to Glass)	NOVA455TG120 (455Wp)	NOVA450TG120	20.70	120 (Half Cut Cells)	1500		
								NOVA455TG120	20.93				
					xxiii	Bifacial N-Type TOPCon Module (Glass to Glass)	NOVA480TG120 (480 Wp)	NOVA460TG120	21.16	120 (Half Cut Cells)	1500		
								NOVA465TG120	21.39				
								NOVA470TG120	21.62				
								NOVA475TG120	21.85				
								NOVA480TG120	22.08				
								NOVA485TG120	22.31				
								NOVA490TG120	22.54				
								NOVA495TG120	22.77				
								NOVA500TG120	23.00				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					xxiv	Bifacial N-Type TOPCon Module (Glass to Glass)	NOVA405TG108 (405 Wp)	NOVA405TG108	20.62	108 (Half Cut Cells)	1500		
					xxv	Bifacial N-Type TOPCon Module (Glass to Glass)	NOVA430TG108 (430 Wp)	NOVA410TG108	20.87	108 (Half Cut Cells)	1500		
								NOVA415TG108	21.13				
								NOVA420TG108	21.38				
								NOVA425TG108	21.64				
								NOVA430TG108	21.89				
								NOVA435TG108	22.15				
								NOVA440TG108	22.40				
								NOVA445TG108	22.66				
								NOVA450TG108	22.91				
					xxvi	Bifacial N-Type TOPCon Module (Glass to Glass)	NOVA365TG96 (365Wp)	NOVA360TG96	20.52	96 (Half Cut Cells)	1500		
								NOVA365TG96	20.81				
					xxvii	Bifacial N-Type TOPCon Module (Glass to Glass)	NOVA385TG96 (385 Wp)	NOVA370TG96	21.09	96 (Half Cut Cells)	1500		
								NOVA375TG96	21.38				
								NOVA380TG96	21.66				
								NOVA385TG96	21.95				
								NOVA390TG96	22.23				
								NOVA395TG96	22.52				
								NOVA400TG96	22.80				
					xxviii	Bifacial N-Type TOPCon Module (Glass to Glass)	NOVA340TG84 (340 Wp)	NOVA330TG84	21.38	84 (Half Cut Cells)	1500		
								NOVA335TG84	21.71				
								NOVA340TG84	22.03				
								NOVA345TG84	22.35				
								NOVA350TG84	22.68				
					xxix	Bifacial N-Type TOPCon Module (Glass to Glass)	NOVA295TG72 (295 Wp)	NOVA285TG72	21.35	72(Half Cut Cells)	1500		
								NOVA290TG72	21.73				
								NOVA295TG72	22.10				
								NOVA300TG72	22.48				
					xxx	Bifacial N-Type TOPCon Module (Glass to Glass)	NOVA245TG60 (245 Wp)	NOVA235TG60	20.93	60(Half Cut Cells)	1500		
								NOVA240TG60	21.38				
								NOVA245TG60	21.82				
								NOVA250TG60	22.27				
6	**M/s SANGAM SOLAR ONE PRIVATE LIMITED** **(New Addition in ALMM)**	**SURVEY NO. 644, ORPAT INDUSTRIAL ESTATE, VANDHIA, NEAR SURAJBARI BRIDGE, ORPAT NAGAR, 8-A, SAMAKHIARI, KACHCHH, GUJARAT-370150,INDIA**	**R-72015415**	**9234**	i	Bifacial N-Type TOPCon Module (Glass to Glass)	BiN-08-590 (590 Wp)	BiN-08-560	21.68	144 (Half Cut Cells)	1500	01.05.2026	30.04.2030
								BiN-08-565	21.87				
								BiN-08-570	21.07				
								BiN-08-575	22.26				
								BiN-08-580	22.45				
								BiN-08-585	22.65				
								BiN-08-590	22.84				
								BiN-08-595	23.04				
								BiN-08-600	23.23				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	BiN-21-620 (620 Wp)	BiN-21-600	22.21	132 (Half Cut Cells)	1500		
								BiN-21-605	22.40				
								BiN-21-610	22.58				
								BiN-21-615	22.77				
								BiN-21-620	22.95				
								BiN-21-625	23.14				
								BiN-21-630	23.32				
								BiN-21-635	23.51				
7	**M/s PIXON GREEN ENERGY PRIVATE LIMITED** **(Model Addition + Capacity Addition)**	**R.S NO. 1571/1, 158/1, 158/2, 165/1, SURVEY NO. 15/1, DEPALIYA, TALUKA: KHIJADIYA NANA, DIST: RAJKOT GUJARAT,India-360110**	**R-72004570**	**1646**	i	Bifacial N-Type TOPCon Module (Glass to Glass)	PIXG12R132N610 (610 Wp)	PIXG12R132N635	23.51	132 (Half Cut Cells)	1500	01.05.2026	30.04.2030
								PIXG12R132N630	23.32				
								PIXG12R132N625	23.14				
								PIXG12R132N620	22.95				
								PIXG12R132N615	22.77				
								PIXG12R132N610	22.58				
								PIXG12R132N605	22.40				
								PIXG12R132N600	22.21				
								PIXG12R132N595	22.03				
								PIXG12R132N590	21.84				
								PIXG12R132N585	21.66				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	PIX156HT635 (636 Wp)	PIX156HT660	23.61	156 (Half Cut Cells)	1500		
								PIX156HT655	23.43				
								PIX156HT650	23.25				
								PIX156HT645	23.07				
								PIX156HT640	22.90				
								PIX156HT635	22.72				
								PIX156HT630	22.54				
								PIX156HT625	22.36				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								PIX156HT620	22.18				
								PIX156HT615	22.00				
								PIX156HT610	21.82				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	PIX144HT580 (580 Wp)	PIX144HT605	23.42	144 (Half Cut Cells)	1500		
								PIX144HT600	23.23				
								PIX144HT595	23.03				
								PIX144HT590	22.84				
								PIX144HT585	22.65				
								PIX144HT580	22.45				
								PIX144HT575	22.26				
								PIX144HT570	22.07				
								PIX144HT565	21.87				
								PIX144HT560	21.68				
								PIX144HT555	21.48				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	PIX132HT525 (525 Wp)	PIX132HT550	23.22	132 (Half Cut Cells)	1500		
								PIX132HT545	23.01				
								PIX132HT540	22.80				
								PIX132HT535	22.58				
								PIX132HT530	22.37				
								PIX132HT525	22.16				
								PIX132HT520	21.95				
								PIX132HT515	21.74				
								PIX132HT510	21.53				
								PIX132HT505	21.32				
8	**M/s LUMINOUS POWER TECHNOLOGIES PVT. LTD** **(Model Addition + Capacity Addition))**	**PLOT NO-CP-17 TO CP-22, SECTOR-CITY PARK, LUMINOUS PLANT, P.N.D.T. IIE SIDCUL PANTNAGAR, IIE PANTNAGAR, RUDRAPUR, UDHAM SINGH NAGAR, UTTARAKHAND, 263153**	**R-83011410**	**1659**	i	Bifacial N-Type TOPCon Module (Glass to Glass)	LUM 625TG132 (625 Wp)	LUM 655TG132	24.25	132 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								LUM 650TG132	24.06				
								LUM 645TG132	23.88				
								LUM 640TG132	23.69				
								LUM 635TG132	23.51				
								LUM 630TG132	23.32				
								LUM 625TG132	23.14				
								LUM 620TG132	22.95				
								LUM 615TG132	22.77				
								LUM 610TG132	22.58				
								LUM 605TG132	22.40				
								LUM 600TG132	22.21				
								LUM 595TG132	22.03				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	LUM590TG132 (590 Wp)	LUM590TG132	21.84	132 (Half Cut Cells)	1500		
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	LUM 570TG120 (570 Wp)	LUM 595TG120	24.16	120 Half Cut Cell	1500		
								LUM 590TG120	23.95				
								LUM 585TG120	23.75				
								LUM 580TG120	23.55				
								LUM 575TG120	23.35				
								LUM 570TG120	23.14				
								LUM 565TG120	22.94				
								LUM 560TG120	22.74				
								LUM 555TG120	22.53				
								LUM 550TG120	22.33				
								LUM 545TG120	22.13				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	LUM 540TG120 (540 Wp)	LUM 540TG120	21.92	120 Half Cut Cell	1500		
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	LUM 510TG108 (510 Wp)	LUM 535TG108	24.06	108 Half Cut Cell	1500		
								LUM 530TG108	23.83				
								LUM 525TG108	23.61				
								LUM 520TG108	23.38				
								LUM 515TG108	23.16				
								LUM 510TG108	22.93				
								LUM 505TG108	22.71				
								LUM 500TG108	22.48				
								LUM 495TG108	22.26				
								LUM 490TG108	22.03				
								LUM 485TG108	21.81				
			R-83011479		vi	Bifacial N-Type TOPCon Module (Glass to Glass)	AMS 625TG132 (625 Wp)	AMS 655TG132	24.25	132 (Half Cut Cells)	1500		
								AMS 650TG132	24.06				
								AMS 645TG132	23.88				
								AMS 640TG132	23.69				
								AMS 635TG132	23.51				
								AMS 630TG132	23.32				
								AMS 625TG132	23.14				
								AMS 620TG132	22.95				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								AMS 615TG132	22.77				
								AMS 610TG132	22.58				
								AMS 605TG132	22.40				
								AMS 600TG132	22.21				
								AMS 595TG132	22.03				
					vii	Bifacial Bifacial N-Type TOPCon Module (Glass to Glass)	AMS590TG132 (590 Wp)	AMS590TG132	21.84	132 (Half Cut Cells)	1500		
					viii	Bifacial Bifacial N-Type TOPCon Module (Glass to Glass)	AMS 570TG120 (570 Wp)	AMS 595TG120	24.16	120 (Half Cut Cell)	1500		
								AMS 590TG120	23.95				
								AMS 585TG120	23.75				
								AMS 580TG120	23.55				
								AMS 575TG120	23.35				
								AMS 570TG120	23.14				
								AMS 565TG120	22.94				
								AMS 560TG120	22.74				
								AMS 555TG120	22.53				
								AMS 550TG120	22.33				
								AMS 545TG120	22.13				
					ix	Bifacial Bifacial N-Type TOPCon Module (Glass to Glass)	AMS 540TG120 (540 Wp)	AMS 540TG120	21.92	120 (Half Cut Cell)	1500		
					x	Bifacial Bifacial N-Type TOPCon Module (Glass to Glass)	AMS 510TG108 (510 Wp)	AMS 535TG108	24.06	108 Half Cut Cell	1500		
								AMS 530TG108	23.83				
								AMS 525TG108	23.61				
								AMS 520TG108	23.38				
								AMS 515TG108	23.16				
								AMS 510TG108	22.93				
								AMS 505TG108	22.71				
								AMS 500TG108	22.48				
								AMS 495TG108	22.26				
								AMS 490TG108	22.03				
								AMS 485TG108	21.81				
9	M/s. Tata Power Renewable Energy Limited (Formerly M/s. Tata Power Solar Systems Ltd) (Model Addition)	Sy No. 43P and 44(P), Electronic City,2nd Stage, Consisting Hosur Road,Bangalore-560100, Karnataka	R-62001090	577	i	Mono c-Si PERC Module	TP510VG10 (510 Wp)	TP510VG10	19.89	132 (Half Cut Cells)	1500	20.09.2023	19.09.2027
								TP505VG10	19.70				
10	M/s Vikram Solar Limited (Model Addition)	SEC-II, FALTA SPECIAL ECONOMIC ZONE, FALTA, DISTRICT: SOUTH 24-PARGANAS, P. S.: RAMNAGAR, P. O.: FALTA S.O,, West Bengal , 743504	R-51000566	2893	i	Bifacial N-Type TOPCon Module (Glass to Glass)	HYPERSOL VSMDHB.66.625.05 (625 Wp)	HYPERSOL VSMDHB.66.640.05	23.69	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								HYPERSOL VSMDHB.66.635.05	23.51				
								HYPERSOL VSMDHB.66.630.05	23.32				
								HYPERSOL VSMDHB.66.625.05	23.14				
								HYPERSOL VSMDHB.66.620.05	22.95				
								HYPERSOL VSMDHB.66.615.05	22.77				
								HYPERSOL VSMDHB.66.610.05	22.58				
								HYPERSOL VSMDHB.66.605.05	22.40				
								HYPERSOL VSMDHB.66.600.05	22.21				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	HYPERSOL VSMDHB.54.510.05 (510 Wp)	HYPERSOL VSMDHB.54.520.05	23.40	108 (Half Cut Cells)	1500		
								HYPERSOL VSMDHB.54.515.05	23.17				
								HYPERSOL VSMDHB.54.510.05	22.95				
								HYPERSOL VSMDHB.54.505.05	22.72				
								HYPERSOL VSMDHB.54.500.05	22.50				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	HYPERSOL VSMDHB.48.460.05 (460 Wp)	HYPERSOL VSMDHB.48.465.05	23.27	96 (Half Cut Cells)	1500		
								HYPERSOL VSMDHB.48.460.05	23.02				
								HYPERSOL VSMDHB.48.455.05	22.77				
								HYPERSOL VSMDHB.48.450.05	22.52				
11	M/s Vikram Solar Limited (Model Addition)	PLOT NO: B400, B300B, INDOSPACE INDUSTRIAL PARK, SIPCOT VALLAM VADAGAL, SRIPERUMBUDUR, BOODHANUR, KANCHEEPURAM, TAMIL NADU, INDIA, NA, TAMIL NADU, India - 602105	R-61006980	3358	i	Bifacial N-Type TOPCon Module (Glass to Glass)	HYPERSOL VSMDH.72.595.05 (595 Wp)	HYPERSOL VSMDH.72.610.05	23.61	144 (Half Cut Cells)	1500	01.03.2026	28.02.2030
								HYPERSOL VSMDH.72.605.05	23.42				
								HYPERSOL VSMDH.72.600.05	23.23				
								HYPERSOL VSMDH.72.595.05	23.03				
								HYPERSOL VSMDH.72.590.05	22.84				
								HYPERSOL VSMDH.72.585.05	22.65				
								HYPERSOL VSMDH.72.580.05	22.45				
								HYPERSOL VSMDH.72.575.05	22.26				
								HYPERSOL VSMDH.72.570.05	22.07				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	HYPERSOL VSMDH.66.545.05 (545 Wp)	HYPERSOL VSMDH.66.550.05	23.15	132 (Half Cut Cells)	1500		
								HYPERSOL VSMDH.66.545.05	22.94				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								HYPERSOL VSMDH.66.540.05	22.73				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	HYPERSOL VSMDH.54.440.05 (440 Wp)	HYPERSOL VSMDH.54.450.05	23.04	108 (Half Cut Cells)	1500		
								HYPERSOL VSMDH.54.445.05	22.79				
								HYPERSOL VSMDH.54.440.05	22.53				
								HYPERSOL VSMDH.54.435.05	22.28				
								HYPERSOL VSMDH.54.430.05	22.02				
								HYPERSOL VSMDH.54.425.05	21.76				
12	M/s. ORB Energy Private Limited (Model Addition + Capacity Change)	No. 95, Digital Park Road, 2nd Stage, Yeshwanthapura, Bangalore - 560022, Karnataka, India	R-62001708	59	i	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	Orb590T144-15 (590 Wp)	Orb590T144-15	22.87	144(Half Cut Cells)	1500	01.09.2023	31.08.2027
								Orb585T144-15	22.68				
								Orb580T144-15	22.48				
								Orb575T144-15	22.29				
								Orb570T144-15	22.09				
					ii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	Orb525T132-15 (525 Wp)	Orb540T132-15	22.76	132(Half Cut Cells)	1500		
								Orb535T132-15	22.55				
								Orb530T132-15	22.34				
								Orb525T132-15	22.13				
								Orb520T132-15	21.92				
								Orb515T132-15	21.71				
								Orb510T132-15	21.50				
								Orb505T132-15	21.29				
								Orb500T132-15	21.07				
					iii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	Orb490T120-15 (490 Wp)	Orb490T120-15	22.63	120(Half Cut Cells)	1500		
								Orb485T120-15	22.40				
								Orb480T120-15	22.17				
								Orb475T120-15	21.94				
					iv	Mono c-Si PERC Module (Glass to Backsheet)	Orb540M144-15 (540 Wp)	Orb550M144-15	21.32	144(Half Cut Cells)	1500		
								Orb545M144-15	21.13				
								Orb540M144-15	20.93				
								Orb535M144-15	20.74				
								Orb530M144-15	20.54				
								Orb525M144-15	20.35				
								Orb520M144-15	20.16				
					v	Mono c-Si PERC Module (Glass to Backsheet)	Orb505M132-15 (505 Wp)	Orb505M132-15	21.29	132(Half Cut Cells)	1500		
								Orb500M132-15	21.07				
								Orb495M132-15	20.86				
								Orb490M132-15	20.65				
					vi	Mono c-Si PERC Module (Glass to Backsheet)	Orb460M120-15 (460 Wp)	Orb460M120-15	21.25	120(Half Cut Cells)	1500		
								Orb455M120-15	21.01				
								Orb450M120-15	20.78				
								Orb445M120-15	20.55				
13	M/s. Nav-Yug Solar LLP (New Addition in ALMM)	C-23/22,23/23,23/24 HOJIWALA INDUSTRIAL ESTATE village-BHATIA, Taluko-Choriyasi, SURAT - 394230, Gujarat, India	R-72011967	146	i	Bifacial Mono c-Si PERC Module (Glass to Glass)	NY144H525MG (525 Wp)	NY144H545MG	21.12	144 (Half Cut Cells)	1500	01.05.2026	30.04.2030
								NY144H540MG	20.92				
								NY144H535MG	20.73				
								NY144H530MG	20.53				
								NY144H525MG	20.34				
								NY144H520MG	20.15				
								NY144H515MG	19.95				
								NY144H510MG	19.76				
								NY144H505MG	19.57				
					ii	Bifacial Mono c-Si PERC Module (Glass to Glass)	NY132H485MG (485Wp)	NY132H500MG	21.06	132 (Half Cut Cells)	1500		
								NY132H495MG	20.85				
								NY132H490MG	20.64				
								NY132H485MG	20.43				
								NY132H480MG	20.22				
								NY132H475MG	20.01				
								NY132H470MG	19.80				
								NY132H465MG	19.59				
					iii	Bifacial Mono c-Si PERC Module (Glass to Glass)	NY120H440MG (440 Wp)	NY120H460MG	21.23	120 (Half Cut Cells)	1500		
								NY120H455MG	21.00				
								NY120H450MG	20.77				
								NY120H445MG	20.54				
								NY120H440MG	20.31				
								NY120H435MG	20.08				
								NY120H430MG	19.85				
								NY120H425MG	19.62				
								NY120H420MG	19.39				
					iv	Bifacial Mono c-Si PERC Module (Glass to Glass)	NY108H400MG (400 Wp)	NY108H410MG	20.97	108 (Half Cut Cells)	1500		
								NY108H405MG	20.71				
								NY108H400MG	20.45				
								NY108H395MG	20.20				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								NY108H390MG	19.94				
					v	Bifacial Mono c-Si PERC Module (Glass to Glass)	NY108H380MG (380 Wp)	NY108H385MG	19.69	108 (Half Cut Cells)	1500		
								NY108H380MG	19.43				
								NY108H375MG	19.18				
					vi	Bifacial Mono c-Si PERC Module (Glass to Glass)	NY96H345MG (345 WP)	NY96H360MG	20.62	96 (Half Cut Cells)	1500		
								NY96H355MG	20.33				
								NY96H350MG	20.05				
								NY96H345MG	19.76				
								NY96H340MG	19.47				
								NY96H335MG	19.19				
14	**M/s. Mundra Solar PV Limited** **(Model Addition + Capacity Addition)**	**Survey no 180 P, Co Mundra Solar Technopark Pvt. Ltd, Electronics Manufacturing Cluster EMC, Village Vandh and Tunda , Mundra , Kutch , Adani Ports and Special Economic Zone, Kachchh, Gujarat, 370435**	**R-72008532**	**2449**	i	Bifacial N Type- TOPCon (Glass to Glass)	AB-G12R-132-640 (640 Wp)	AB-G12R-132-640	23.71	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								AB-G12R-132-635	23.53				
								AB-G12R-132-630	23.34				
15	**M/s REDREN ENERGY PVT. LTD.** **(Model Addition + Capacity Addition)**	**SURVEY NO. 154/1, NATIONAL HIGHWAY NO-27, VILLAGE: JALIDA, TALUKA WANKANER, DISTRICT: MORBI, GUJARAT-363621**	**R-72001775**	**1684**	i	Bifacial N-Type TOPCon Module (Glass to Glass)	RSG12RTC132-615 (615 Wp)	RSG12RTC132-635	23.51	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSG12RTC132-630	23.32				
								RSG12RTC132-625	23.14				
								RSG12RTC132-620	22.95				
								RSG12RTC132-615	22.77				
								RSG12RTC132-610	22.58				
								RSG12RTC132-605	22.40				
								RSG12RTC132-600	22.21				
								RSG12RTC132-595	22.03				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	RSG12RTC132-585 (585 Wp)	RSG12RTC132-590	21.84	132 (Half Cut Cells)	1500		
								RSG12RTC132-585	21.66				
								RSG12RTC132-580	21.47				
								RSG12RTC132-575	21.29				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	RSG12RTC120-560 (560 Wp)	RSG12RTC120-575	23.37	120 (Half Cut Cells)	1500		
								RSG12RTC120-570	23.16				
								RSG12RTC120-565	22.96				
								RSG12RTC120-560	22.76				
								RSG12RTC120-555	22.55				
								RSG12RTC120-550	22.35				
								RSG12RTC120-545	22.15				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	RSG12RTC120-530 (530 Wp)	RSG12RTC120-540	21.94	120 (Half Cut Cells)	1500		
								RSG12RTC120-535	21.74				
								RSG12RTC120-530	21.54				
								RSG12RTC120-525	21.33				
								RSG12RTC120-520	21.13				
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	RSG12RTC108-505 (505 Wp)	RSG12RTC108-520	23.42	108 (Half Cut Cells)	1500		
								RSG12RTC108-515	23.19				
								RSG12RTC108-510	22.97				
								RSG12RTC108-505	22.74				
								RSG12RTC108-500	22.52				
								RSG12RTC108-495	22.29				
								RSG12RTC108-490	22.07				
								RSG12RTC108-485	21.84				
					vi	Bifacial N-Type TOPCon Module (Glass to Glass)	RSG12RTC108-475 (475 Wp)	RSG12RTC108-480	21.62	108 (Half Cut Cells)	1500		
								RSG12RTC108-475	21.39				
								RSG12RTC108-470	21.17				
					vii	Bifacial N-Type TOPCon Module (Glass to Glass)	RSG12RTC96-440 (440 Wp)	RSG12RTC96-460	23.23	96 (Half Cut Cells)	1500		
								RSG12RTC96-455	22.98				
								RSG12RTC96-450	22.73				
								RSG12RTC96-445	22.48				
								RSG12RTC96-440	22.22				
								RSG12RTC96-435	21.97				
								RSG12RTC96-430	21.72				
								RSG12RTC96-425	21.47				
								RSG12RTC96-420	21.21				
					viii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RSM10MP-156HCBF590 (590 Wp)	RSM10MP-156HCBF610	21.84	156 (Half Cut Cells)	1500		
								RSM10MP-156HCBF605	21.66				
								RSM10MP-156HCBF600	21.48				
								RSM10MP-156HCBF595	21.30				
								RSM10MP-156HCBF590	21.12				
								RSM10MP-156HCBF585	20.94				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								RSM10MP-156HCBF580	20.77				
								RSM10MP-156HCBF575	20.59				
								RSM10MP-156HCBF570	20.41				
					ix	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RSM10MP-156HCBF560 (560 Wp)	RSM10MP-156HCBF565	20.23	156 (Half Cut Cells)	1500		
								RSM10MP-156HCBF560	20.05				
								RSM10MP-156HCBF555	19.87				
								RSM10MP-156HCBF550	19.69				
					x	Mono c-Si PERC Module	RSM10MP-78HCMF590 (590 Wp)	RSM10MP-78HCMF610	21.84	156 (Half Cut Cells)	1500		
								RSM10MP-78HCMF605	21.66				
								RSM10MP-78HCMF600	21.48				
								RSM10MP-78HCMF595	21.30				
								RSM10MP-78HCMF590	21.12				
								RSM10MP-78HCMF585	20.94				
								RSM10MP-78HCMF580	20.77				
								RSM10MP-78HCMF575	20.59				
								RSM10MP-78HCMF570	20.41				
					xi	Mono c-Si PERC Module	RSM10MP-78HCMF560 (560 Wp)	RSM10MP-78HCMF565	20.23	156 (Half Cut Cells)	1500		
								RSM10MP-78HCMF560	20.05				
								RSM10MP-78HCMF555	19.87				
								RSM10MP-78HCMF550	19.69				
16	**M/s. Jeem Energy Private Limited** **(Model Addition + Capacity Change)**	**Plot no 1 to 4, Sur No. 211, UKERDA Naknam road, Near Ramdoot Alloy Moviya, Paddhari Rajkot, Gujarat, India - 360110**	**R-72013773**	**165**	i	Bifacial N-Type TOPCon Modules (Glass to Transparent Backsheet)	JE-16MB-BF156-630 (630 Wp)	JE-16MB-BF156-650	23.24	156 (Half Cut Cells)	1500	25.11.2025	24.11.2029
								JE-16MB-BF156-645	23.07				
								JE-16MB-BF156-640	22.89				
								JE-16MB-BF156-635	22.71				
								JE-16MB-BF156-630	22.53				
								JE-16MB-BF156-625	22.35				
								JE-16MB-BF156-620	22.17				
								JE-16MB-BF156-615	21.99				
								JE-16MB-BF156-610	21.81				
					ii	Bifacial N-Type TOPCon Modules (Glass to Glass)	JE-16MB-GG156-630 (630 Wp)	JE-16MB-GG156-650	23.24	156 (Half Cut Cells)	1500		
								JE-16MB-GG156-645	23.07				
								JE-16MB-GG156-640	22.89				
								JE-16MB-GG156-635	22.71				
								JE-16MB-GG156-630	22.53				
								JE-16MB-GG156-625	22.35				
								JE-16MB-GG156-620	22.17				
								JE-16MB-GG156-615	21.99				
								JE-16MB-GG156-610	21.81				
					iii	Bifacial N-Type TOPCon Modules (Glass to Transparent Backsheet)	JE-16MB-BF144-580 (580 Wp)	JE-16MB-BF144-600	23.23	144 (Half Cut Cells)	1500		
								JE-16MB-BF144-595	23.03				
								JE-16MB-BF144-590	22.84				
								JE-16MB-BF144-585	22.65				
								JE-16MB-BF144-580	22.45				
								JE-16MB-BF144-575	22.26				
								JE-16MB-BF144-570	22.07				
								JE-16MB-BF144-565	21.87				
								JE-16MB-BF144-560	21.68				
					iv	Bifacial N-Type TOPCon Modules (Glass to Glass)	JE-16MB-GG144-580 (580 Wp)	JE-16MB-GG144-600	23.23	144 (Half Cut Cells)	1500		
								JE-16MB-GG144-595	23.03				
								JE-16MB-GG144-590	22.84				
								JE-16MB-GG144-585	22.65				
								JE-16MB-GG144-580	22.45				
								JE-16MB-GG144-575	22.26				
								JE-16MB-GG144-570	22.07				
								JE-16MB-GG144-565	21.87				
								JE-16MB-GG144-560	21.68				
					v	Bifacial N-Type TOPCon Modules (Glass to Transparent Backsheet)	JE-16MB-BF132-530 (530 Wp)	JE-16MB-BF132-550	23.18	132 (Half Cut Cells)	1500		
								JE-16MB-BF132-545	22.97				
								JE-16MB-BF132-540	22.76				
								JE-16MB-BF132-535	22.55				
								JE-16MB-BF132-530	22.34				
								JE-16MB-BF132-525	22.13				
								JE-16MB-BF132-520	21.92				
								JE-16MB-BF132-515	21.71				
								JE-16MB-BF132-510	21.50				
					vi	Bifacial N-Type TOPCon Modules (Glass to Glass)	JE-16MB-GG132-530 (530 Wp)	JE-16MB-GG132-550	23.18	132 (Half Cut Cells)	1500		
								JE-16MB-GG132-545	22.97				
								JE-16MB-GG132-540	22.76				
								JE-16MB-GG132-535	22.55				
								JE-16MB-GG132-530	22.34				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								JE-16MB-GG132-525	22.13				
								JE-16MB-GG132-520	21.92				
								JE-16MB-GG132-515	21.71				
								JE-16MB-GG132-510	21.50				
					vii	Bifacial N-Type TOPCon Modules (Glass to Transparent Backsheet)	JE-16MB-BF120-480 (480 Wp)	JE-16MB-BF120-500	23.11	120 (Half Cut Cells)	1500		
								JE-16MB-BF120-495	22.88				
								JE-16MB-BF120-490	22.65				
								JE-16MB-BF120-485	22.42				
								JE-16MB-BF120-480	22.18				
								JE-16MB-BF120-475	21.95				
								JE-16MB-BF120-470	21.72				
								JE-16MB-BF120-465	21.49				
								JE-16MB-BF120-460	21.26				
					viii	Bifacial N-Type TOPCon Modules (Glass to Glass)	JE-16MB-GG120-480 (480 Wp)	JE-16MB-GG120-500	23.11	120 (Half Cut Cells)	1500		
								JE-16MB-GG120-495	22.88				
								JE-16MB-GG120-490	22.65				
								JE-16MB-GG120-485	22.42				
								JE-16MB-GG120-480	22.18				
								JE-16MB-GG120-475	21.95				
								JE-16MB-GG120-470	21.72				
								JE-16MB-GG120-465	21.49				
								JE-16MB-GG120-460	21.26				
					ix	Bifacial N-Type TOPCon Modules (Glass to Transparent Backsheet)	JE-16MB-BF108-435 (435 Wp)	JE-16MB-BF108-450	22.94	108 (Half Cut Cells)	1500		
								JE-16MB-BF108-445	22.68				
								JE-16MB-BF108-440	22.43				
								JE-16MB-BF108-435	22.17				
								JE-16MB-BF108-430	21.92				
								JE-16MB-BF108-425	21.66				
								JE-16MB-BF108-420	21.41				
					x	Bifacial N-Type TOPCon Modules (Glass to Glass)	JE-16MB-GG108-435 (435 Wp)	JE-16MB-GG108-450	22.94	108 (Half Cut Cells)	1500		
								JE-16MB-GG108-445	22.68				
								JE-16MB-GG108-440	22.43				
								JE-16MB-GG108-435	22.17				
								JE-16MB-GG108-430	21.92				
								JE-16MB-GG108-425	21.66				
								JE-16MB-GG108-420	21.41				
					xi	Bifacial N-Type TOPCon Modules (Glass to Transparent Backsheet)	JE-16MB-BF72-295 (295 Wp)	JE-16MB-BF72-300	22.65	72 (Half Cut Cells)	1500		
								JE-16MB-BF72-295	22.27				
								JE-16MB-BF72-290	21.89				
					xii	Bifacial N-Type TOPCon Modules (Glass to Transparent Backsheet)	JE-16MB-BF72-280 (280 Wp)	JE-16MB-BF72-285	21.52	72 (Half Cut Cells)	1500		
								JE-16MB-BF72-280	21.14				
								JE-16MB-BF72-275	20.76				
					xiii	Bifacial N-Type TOPCon Modules (Glass to Glass)	JE-16MB-GG72-295 (295 Wp)	JE-16MB-GG72-300	22.65	72 (Half Cut Cells)	1500		
								JE-16MB-GG72-295	22.27				
								JE-16MB-GG72-290	21.89				
					xiv	Bifacial N-Type TOPCon Modules (Glass to Glass)	JE-16MB-GG72-280 (280 Wp)	JE-16MB-GG72-285	21.52	72 (Half Cut Cells)	1500		
								JE-16MB-GG72-280	21.14				
								JE-16MB-GG72-275	20.76				
					xv	Bifacial N-Type TOPCon Modules (Glass to Transparent Backsheet)	JE-16MB-BF36-150 (150 Wp)	JE-16MB-BF36-150	21.51	36 (Half Cut Cells)	1500		
					xvi	Bifacial N-Type TOPCon Modules (Glass to Glass)	JE-16MB-GG36-150 (150 Wp)	JE-16MB-GG36-150	21.51	36 (Half Cut Cells)	1500		
17	**M/s SILVER CONSUMER ELECTRICALS LIMITED** **(New Addition in ALMM)**	**PLOT NO 1,3,5,6, R.S.NO-36,67,38,43 TO 47/P1, HARIPAR TARVADA, TALUKA LODHIKA, POST HARIPAR TARVADA, RAJKOT, GUJARAT-360035**	**R-72015253**	**774**	i	Bifacial N-Type TOPCon Module (Glass to Glass)	IFGTGNDR0000630 (630Wp)	IFGTGNDR0000650	23.24	156 (Half Cut Cells)	1500	01.05.2026	30.04.2030
								IFGTGNDR0000645	23.07				
								IFGTGNDR0000640	22.89				
								IFGTGNDR0000635	22.71				
								IFGTGNDR0000630	22.53				
								IFGTGNDR0000625	22.35				
								IFGTGNDR0000620	22.17				
								IFGTGNDR0000615	22.00				
								IFGTGNDR0000610	21.81				
								IFGTGNDR0000605	21.63				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	IFGTGNDR0000580 (580Wp)	IFGTGNDR0000600	23.23	144 (Half Cut Cells)	1500		
								IFGTGNDR0000595	23.03				
								IFGTGNDR0000590	22.84				
								IFGTGNDR0000585	22.65				
								IFGTGNDR0000580	22.45				
								IFGTGNDR0000575	22.26				
								IFGTGNDR0000570	22.07				
								IFGTGNDR0000565	21.87				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								IFGTGNDR0000560	21.68				
								IFGTGNDR0000555	21.48				
18	M/s TP Solar Limited (Model Addition + Capacity Addition)	PLOT NO. A109, NEAR ELCOT ROAD, TP SOLAR LIMITED, SIPCOT ROAD AND OSR PARK GANGAIKONDAN ROAD, SIPCOT INDUSTRIAL PARK, GANGAIKONDAN INDUSTRIAL PARK, TIRUNELVELI, TAMIL NADU, India-627352	R-61004146	5072	i	Bifacial N-Type TOPCon Module (Glass to Glass)	TP600VG12R16NB (600 Wp)	TP590VG12R16NB	21.82	132 (Half Cut Cells)	1500	22.03.2024	21.03.2028
								TP595VG12R16NB	22.01				
								TP600VG12R16NB	22.19				
								TP605VG12R16NB	22.38				
								TP610VG12R16NB	22.56				
								TP615VG12R16NB	22.75				
19	M/s WAAREE ENERGIES LIMITED (Model Addition)	Sr. No. 1934,1939,1941,1942, NH-48, Degam, Chikhli, Navsari, Gujarat, 396530, India	R-72005533	16444	i	Bifacial N-Type TOPCon Module (Glass to Glass)	BiN-08-530 (530 Wp)	BiN-08-505	19.55	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								BiN-08-510	19.74				
								BiN-08-515	19.94				
								BiN-08-520	20.13				
								BiN-08-525	20.32				
								BiN-08-530	20.52				
								BiN-08-535	20.71				
								BiN-08-540	20.90				
								BiN-08-545	21.10				
								BiN-08-550	21.29				
								BiN-08-555	21.48				
20	M/s Vikram Solar Limited (Model Addition)	Special Economic Zone (SEZ), Sec -II,Falta, 24 Parganas (South) - 743504, West Bengal	R-51000566	2893	i	Bifacial N-Type TOPCon Module (Glass to Glass)	HYPERSOL VSMDHB.72.595.05 (595 Wp)	HYPERSOL VSMDHB.72.610.05	23.61	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								HYPERSOL VSMDHB.72.605.05	23.42				
								HYPERSOL VSMDHB.72.600.05	23.23				
								HYPERSOL VSMDHB.72.595.05	23.03				
								HYPERSOL VSMDHB.72.590.05	22.84				
								HYPERSOL VSMDHB.72.585.05	22.65				
								HYPERSOL VSMDHB.72.580.05	22.45				
								HYPERSOL VSMDHB.72.575.05	22.26				
								HYPERSOL VSMDHB.72.570.05	22.07				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	HYPERSOL VSMDHB.66.545.05 (545 Wp)	HYPERSOL VSMDHB.66.550.05	23.15	132 (Half Cut Cells)	1500		
								HYPERSOL VSMDHB.66.545.05	22.94				
								HYPERSOL VSMDHB.66.540.05	22.73				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	HYPERSOL VSMDHB.54.440.05 (440 Wp)	HYPERSOL VSMDHB.54.450.05	23.04	108 (Half Cut Cells)	1500		
								HYPERSOL VSMDHB.54.445.05	22.79				
								HYPERSOL VSMDHB.54.440.05	22.53				
								HYPERSOL VSMDHB.54.435.05	22.28				
								HYPERSOL VSMDHB.54.430.05	22.02				
								HYPERSOL VSMDHB.54.425.05	21.76				
21	M/s Reliance Industries Ltd. (Model Addition + Capacity addition)	At Navagam via Khodiyar Colony, 1, Navagam/Kanachhikari, GSFC Reliance Comples, Jamnagar, Gujarat	R-72011452	5201	i	Bifacial Heterojunction Monocrstalline Silicon (HJT) Module (Glass to Glass)	RNE730AA-66-BGG(730 Wp)	RNE740AA-66-BGG	23.77	132 (Half Cut Cells)	1500	05.06.2025	04.06.2029
								RNE735AA-66-BGG	23.61				
								RNE730AA-66-BGG	23.44				
								RNE725AA-66-BGG	23.28				

Note: In case of model inclusion or capacity addition / change, through revision in ALMM List, the capacity mentioned against any manufacturing unit, as appearing in the said Revision to the ALMM List, shall be the ALMM enlisted manufacturing capacity for that manufacturing unit (from the date of the said revision), and the capacity enlisted for that manufacturing unit should not be interpreted as Sum of (enlisted capacity for that manufacturing unit in previous ALMM list/ previous revision to ALMM List) and (enlisted capacity in the present revision)

F. No. 283/41/2024-GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय / Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003.
Dated: 1st March 2026

OFFICE MEMORANDUM

Sub: Updation of List I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 – Reg.

Ref: (i) MNRE's O.M. No. 283/54/2018-GRID SOLAR–Part(1) dated 10.03.2021
(ii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 10.05.2023;
(iii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 22.03.2024;
(iv) MNRE's O.M. No. 32/33/2024-SPV Division dated 06.05.2025;

Reference is invited to this Ministry's O.M.s of even no. dated 10.03.2021, regarding implementation of Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirement for Compulsory Registration) Order, 2019 and publishing List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019.

2. This Ministry vide its O.M.s referred at (ii), (iii) & (iv) above, inter-alia, directed that only such models of Solar PV Module Manufacturers will be enlisted under ALMM, which comply with the BIS Standards and are having the following minimum module efficiency:

Category	**Application/Use**	**Minimum Module Efficiency required to be eligible for enlistment in ALMM for solar PV modules**	
		For c-Si technology based solar PV modules	**For CdTe thin film technology based solar PV modules**
Category-I	Utility/Grid Scale Power Plants	20.00%	19.00%
Category-II	Rooftop and Solar Pumping	19.50%	18.50%
Category-III	Off-grid projects/applications like solar lamps, solar lights, solar street lights, solar fans, etc. (other than solar powered agricultural pumps and solar PV rooftops) requiring individual capacity of each solar PV module deployed, to be of less than 200 Watt peak	18.00%	18.00%
		(not to be included in main ALMM List-I but to be included in a separate ALMM list called ALMM List-I (DRE)	
Category-IV	Any other application	19.00%	18.00%

3. Post the aforesaid O.M. dated 10.05.2023 and subsequent O.M.s dated 22.03.2024 and 06.05.2025, only such models of Solar PV Modules have been considered for enlistment under ALMM List-I, whose module efficiency is meeting the eligibility criteria as mentioned in table at para-2 above.

4. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 was last updated on 07.02.2026.

5. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 is hereby further revised and the Revision-XLVII *(in the format of additions / modifications to Revision-XLVI)* is enclosed at Annexure-I. The last revision no. XLVI dated 07.02.2026 is at pages after Annexure-I.

6. The ALMM enlistment validity is subject to valid BIS Registration; else deemed to be delisted.

7. The details of Registration No. (R. No.) which has been allotted by BIS is mentioned against each manufacturer / manufacturing unit enlisted in ALMM and further details related to BIS certification like validity, models included, etc. may be checked from BIS website by using the following link:
https://www.crsbis.in/BIS/Lims_registrationc.do?hmode=getLimsData

8. This issues with the approval of competent authority.

(Sanjay G. Karndhar)
Scientist-E
E-mail: karndhar.sg@nic.in

Encl: as above

To: All Concerned
Copy to: Director (Technical), NIC, MNRE for uploading this document on MNRE's website

Annexure-I
Revision-XLVII

New additions on 01/03/2026 in the List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
1	M/s Startup Energy Private Limited (New Addition in ALMM)	SP1-1, STARTUP ENERGY PRIVATE LIMITED, TAPUKARA EXTN, INDUSTRIAL AREA, KAROLI, BHIWADI, KHAIRTHAL TIJARA, RAJASTHAN, 301707	R-84005800	1034	i	Bifacial N-Type TOPCon Module (Glass to Glass)	MMXG12R132N610 (610 Wp)	MMXG12R132N635	23.49	132 (Half Cut Cells)	1500	01.03.2026	28.02.2030
								MMXG12R132N630	23.30				
								MMXG12R132N625	23.12				
								MMXG12R132N620	22.93				
								MMXG12R132N615	22.75				
								MMXG12R132N610	22.56				
								MMXG12R132N605	22.38				
								MMXG12R132N600	22.19				
								MMXG12R132N595	22.01				
								MMXG12R132N590	21.82				
								MMXG12R132N585	21.64				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	MMXG12R120N555 (555 Wp)	MMXG12R120N580	23.55	120 (Half Cut Cells)	1500		
								MMXG12R120N575	23.35				
								MMXG12R120N570	23.14				
								MMXG12R120N565	22.94				
								MMXG12R120N560	22.74				
								MMXG12R120N555	22.53				
								MMXG12R120N550	22.33				
								MMXG12R120N545	22.13				
								MMXG12R120N540	21.92				
								MMXG12R120N535	21.72				
								MMXG12R120N530	21.52				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	MMXG12R120N525 (525 Wp)	MMXG12R120N525	21.32	120 (Half Cut Cells)	1500		
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	MMXG12R108N500 (500 Wp)	MMXG12R108N520	23.40	108 (Half Cut Cells)	1500		
								MMXG12R108N515	23.17				
								MMXG12R108N510	22.95				
								MMXG12R108N505	22.72				
								MMXG12R108N500	22.50				
								MMXG12R108N495	22.27				
								MMXG12R108N490	22.05				
								MMXG12R108N485	21.82				
								MMXG12R108N480	21.60				
								MMXG12R108N475	21.37				
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	MMXG12R108N470 (470 Wp)	MMXG12R108N470	21.15	108 (Half Cut Cells)	1500		
2	M/s Insolation Green Energy Pvt. Ltd. Jaipur (Rajasthan) (Capacity Addition)	KHASRA NO. 4205/3454, 4207/3460, 3447-3452, 4383/3458, 3488-3498, 3500-3509, 3511, VILLAGE - SAWARDA, TEH - MAUZAMABAD, DUDU, RAJASTHAN,India-303348	R-84005622	4282	i	Bifacial N-Type TOPCon Module (Glass to Glass)	INA-156THC-GGF-625	INA-156THC-GGF-650	23.25	156 (Half Cut Cells)	1500	13.10.2025	12.10.2029
								INA-156THC-GGF-645	23.07				
								INA-156THC-GGF-640	22.90				
								INA-156THC-GGF-635	22.72				
								INA-156THC-GGF-630	22.54				
								INA-156THC-GGF-625	22.36				
								INA-156THC-GGF-620	22.18				
								INA-156THC-GGF-615	22.00				
								INA-156THC-GGF-610	21.82				
								INA-156THC-GGF-605	21.64				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	INA-144THC-GGF-575	INA-144THC-GGF-600	23.23	144 (Half Cut Cells)	1500		
								INA-144THC-GGF-595	23.03				
								INA-144THC-GGF-590	22.84				
								INA-144THC-GGF-585	22.65				
								INA-144THC-GGF-580	22.45				
								INA-144THC-GGF-575	22.26				
								INA-144THC-GGF-570	22.07				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								INA-144THC-GGF-565	21.87				
								INA-144THC-GGF-560	21.68				
								INA-144THC-GGF-555	21.48				
								INA-144THC-GGF-550	21.29				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	INA-132THC-GGF-525	INA-132THC-GGF-540	22.73	132 (Half Cut Cells)	1500		
								INA-132THC-GGF-535	22.52				
								INA-132THC-GGF-530	22.31				
								INA-132THC-GGF-525	22.10				
								INA-132THC-GGF-520	21.89				
								INA-132THC-GGF-500	21.05				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	INA-120THC-GGF-500	INA-120THC-GGF-500	23.02	120 (Half Cut Cells)	1500		
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	INA-108THC-GGF-450	INA-108THC-GGF-450	22.94	108 (Half Cut Cells)	1500		
					vi	Bifacial N-Type TOPCon Module (Glass to Glass)	INA132T210RGGF615	INA132T210RGGF635	23.51	132 (Half Cut Cells)	1500		
								INA132T210RGGF630	23.32				
								INA132T210RGGF625	23.14				
								INA132T210RGGF620	22.95				
								INA132T210RGGF615	22.77				
								INA132T210RGGF610	22.58				
								INA132T210RGGF605	22.40				
								INA132T210RGGF600	22.21				
3	**M/s Rajdeep Solar Energy Pvt. Limited** **(New Addition in ALMM)**	**Survey no. 432, Moti Chirai, Block 1, on National Highway, Bhachau-370140, Gujarat, Kachchh, Gujarat, India - 370140**	**R-72012270**	**194**	**i**	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RS10-M10-144-545 (545 Wp)	RS10-M10-144-555	21.48	144 (Half Cut Cells)	1500	01.03.2026	28.02.2030
								RS10-M10-144-550	21.29				
								RS10-M10-144-545	21.10				
								RS10-M10-144-540	20.90				
								RS10-M10-144-535	20.71				
								RS10-M10-144-530	20.52				
4	**M/s Swelect HHV Solar Photovoltaics Private Limited** **(Model Addition + Capacity Addition)**	**No. 169,166, Sembagoundan Pudur, Kuppeplayam Village, Coimbatore, Coimbatore North Taluk, Coimbatore District, Tamil Nadu -641107**	**R-61003433**	**853**	**i**	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT35BG4595 (595 Wp)	SWT35BG4620	22.95	132 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWT35BG4615	22.77				
								SWT35BG4610	22.58				
								SWT35BG4605	22.40				
								SWT35BG4600	22.21				
								SWT35BG4595	22.03				
								SWT35BG4590	21.84				
								SWT35BG4585	21.66				
								SWT35BG4580	21.47				
								SWT35BG4575	21.29				
								SWT35BG4570	21.10				
5	**M/s Vikram Solar Limited** **(New Addition in ALMM)**	**PLOT NO: B400, B300B, INDOSPACE INDUSTRIAL PARK, SIPCOT VALLAM VADAGAL, SRIPERUMBUDUR, BOODHANUR, KANCHEEPURAM, TAMIL NADU, INDIA, NA, TAMIL NADU, India - 602105**	**R-61006980**	**3358**	**i**	Bifacial N-Type TOPCon Module (Glass to Glass)	HYPERSOL VSMDH.66.630.05 (630 Wp)	HYPERSOL VSMDH.66.640.05	23.69	132 (Half Cut Cells)	1500	01.03.2026	28.02.2030
								HYPERSOL VSMDH.66.635.05	23.51				
								HYPERSOL VSMDH.66.630.05	23.32				
								HYPERSOL VSMDH.66.625.05	23.14				
								HYPERSOL VSMDH.66.620.05	22.95				
								HYPERSOL VSMDH.66.615.05	22.77				
								HYPERSOL VSMDH.66.610.05	22.58				
								HYPERSOL VSMDH.66.605.05	22.40				
								HYPERSOL VSMDH.66.600.05	22.21				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	HYPERSOL VSMDH.60.570.05 (570 Wp)	HYPERSOL VSMDH.60.580.05	23.55	120 (Half Cut Cells)	1500		
								HYPERSOL VSMDH.60.575.05	23.35				
								HYPERSOL VSMDH.60.570.05	23.14				
								HYPERSOL VSMDH.60.565.05	22.94				
					iii	Bifacial N-Type TOPCon Module	HYPERSOL VSMDH.60.570.05 (570 Wp)	HYPERSOL VSMDH.54.520.05	23.40	108 (Half Cut Cells)	1500		
								HYPERSOL VSMDH.54.515.05	23.17				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
						(Glass to Glass)		HYPERSOL VSMDH.54.510.05	22.95				
								HYPERSOL VSMDH.54.505.05	22.72				
								HYPERSOL VSMDH.54.500.05	22.50				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	HYPERSOL VSMDH.48.440.05 (440 Wp)	HYPERSOL VSMDH.48.465.05	23.27	96 (Half Cut Cells)	1500		
								HYPERSOL VSMDH.48.460.05	23.02				
								HYPERSOL VSMDH.48.455.05	22.77				
								HYPERSOL VSMDH.48.450.05	22.52				
6	M/s NITHIN SAI RENEWABLES PRIVATE LIMITED (Model Addition + Capacity Addition)	PLOT NO 75-A, 2ND PHASE, KIADB-INDUSTRIAL AREA, CHINTAMANI TALUK, MASTENAHALLI INDUSTRIAL AREA, CHIKKABALLAPUR, KARNATAKA,India-563128	R-62005509	691	i	Bifacial N-Type TOPCon Module (Glass to Glass)	NS-N16-144HG-580 (580 Wp)	NS-N16-144HG-590	22.84	144 (Half Cut Cell)	1500	30.06.2025	29.06.2029
								NS-N16-144HG-585	22.65				
								NS-N16-144HG-580	22.45				
								NS-N16-144HG-575	22.26				
								NS-N16-144HG-570	22.07				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	NS-N16-132HG-535 (535 Wp)	NS-N16-132HG-540	22.65	132 (Half Cut Cell)	1500		
								NS-N16-132HG-535	22.44				
								NS-N16-132HG-530	22.23				
								NS-N16-132HG-525	22.02				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	NS-N16-120HG-480 (480 Wp)	NS-N16-120HG-490	22.54	120 (Half Cut Cell)	1500		
								NS-N16-120HG-485	22.31				
								NS-N16-120HG-480	22.08				
								NS-N16-120HG-475	21.85				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	NS-N16-108HG-435 (435 Wp)	NS-N16-108HG-440	22.40	108 (Half Cut Cell)	1500		
								NS-N16-108HG-435	22.15				
								NS-N16-108HG-430	21.89				
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	NS-N16-96HG-385 (385 Wp)	NS-N16-96HG-390	22.23	96 (Half Cut Cell)	1500		
								NS-N16-96HG-385	21.95				
								NS-N16-96HG-380	21.66				
					vi	Bifacial N-Type TOPCon Module (Glass to Glass)	NS-N16-84HG-340 (340 Wp)	NS-N16-84HG-340	22.03	84 (Half Cut Cell)	1500		
								NS-N16-84HG-335	21.71				
					vii	Bifacial N-Type TOPCon Module (Glass to Glass)	NS-N16-72HG-295 (295 Wp)	NS-N16-72HG-295	22.10	72 (Half Cut Cell)	1500		
								NS-N16-72HG-290	21.73				
								NS-N16-72HG-285	21.35				
					viii	Bifacial Mono c-Si PERC Module (Glass to Glass)	NS-P10-144HG-525 (525 Wp)	NS-P10-144HG-550	21.29	144 (Half Cut Cell)	1500		
								NS-P10-144HG-545	21.10				
								NS-P10-144HG-540	20.90				
								NS-P10-144HG-535	20.71				
								NS-P10-144HG-530	20.52				
								NS-P10-144HG-525	20.32				
								NS-P10-144HG-520	20.13				
								NS-P10-144HG-515	19.94				
								NS-P10-144HG-510	19.74				
								NS-P10-144HG-500	19.36				
					ix	Bifacial N-Type TOPCon Module (Glass to Glass)	NS-N16-132HG-630 (630 Wp)	NS-N16-132HG-635	23.51	132 (Half Cut Cell)	1500		
								NS-N16-132HG-630	23.32				
								NS-N16-132HG-625	23.14				
								NS-N16-132HG-620	22.95				
								NS-N16-132HG-615	22.77				
								NS-N16-132HG-610	22.58				
					x	Bifacial N-Type TOPCon Module (Glass to Glass)	NS-N16-120HG-565 (565 Wp)	NS-N16-120HG-575	23.28	120 (Half Cut Cell)	1500		
								NS-N16-120HG-570	23.08				
								NS-N16-120HG-565	22.88				
								NS-N16-120HG-560	22.67				
								NS-N16-120HG-555	22.47				
					xi	Bifacial N-Type TOPCon Module (Glass to Glass)	NS-N16-108HG-515 (515 Wp)	NS-N16-108HG-520	23.31	108 (Half Cut Cell)	1500		
								NS-N16-108HG-515	23.09				
								NS-N16-108HG-510	22.86				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								NS-N16-108HG-505	22.64				
								NS-N16-108HG-500	22.42				
					xii	Bifacial N-Type TOPCon Module (Glass to Glass)	NS-N16-96HG-455 (455 Wp)	NS-N16-96HG-460	23.11	96 (Half Cut Cell)	1500		
								NS-N16-96HG-455	22.86				
								NS-N16-96HG-450	22.61				
								NS-N16-96HG-445	22.36				
					xiii	Bifacial N-Type TOPCon Module (Glass to Glass)	NS-N16-84HG-400 (400 Wp)	NS-N16-84HG-405	23.13	84 (Half Cut Cell)	1500		
								NS-N16-84HG-400	22.85				
								NS-N16-84HG-395	22.56				
								NS-N16-84HG-390	22.27				
					xiv	Bifacial N-Type TOPCon Module (Glass to Glass)	NS-N16-72HG-340 (340 Wp)	NS-N16-72HG-345	22.84	72 (Half Cut Cell)	1500		
								NS-N16-72HG-340	22.51				
								NS-N16-72HG-335	22.18				
7	M/s ARMY SOLAR ENERGY PRIVATE LIMITED (New Addition in ALMM)	NEW BLOCK NO.119, MOLVAN KARANJ, MOLVAN PANETHA ROAD, SURAT, GUJARAT - 394110 India	R-72013790	622	i	Bifacial N-Type TOPCon Module (Glass to Glass	AS-144TG-590 (590 Wp)	AS-144TG-600	23.24	144 (Half Cut Cells)	1500	01.03.2026	28.02.2030
								AS-144TG-595	23.04				
								AS-144TG-590	22.85				
								AS-144TG-585	22.66				
								AS-144TG-580	22.43				
								AS-144TG-575	22.25				
								AS-144TG-570	22.07				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	AS-144TG-555 (555 Wp)	AS-144TG-565	21.88	144 (Half Cut Cells)	1500		
								AS-144TG-560	21.70				
								AS-144TG-555	21.49				
								AS-144TG-550	21.31				
								AS-144TG-545	21.11				
								AS-144TG-540	20.92				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	AS-132TG-510 (510 Wp)	AS-132TG-535	22.57	132 (Half Cut Cells)	1500		
								AS-132TG-530	22.35				
								AS-132TG-525	22.12				
								AS-132TG-520	21.93				
								AS-132TG-515	21.70				
								AS-132TG-510	21.52				
								AS-132TG-505	21.31				
								AS-132TG-500	21.08				
								AS-132TG-495	20.87				
								AS-132TG-490	20.66				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	AS-120TG-465 (465 Wp)	AS-120TG-485	22.43	120 (Half Cut Cells)	1500		
								AS-120TG-480	22.18				
								AS-120TG-475	21.98				
								AS-120TG-470	21.72				
								AS-120TG-465	21.50				
								AS-120TG-460	21.27				
								AS-120TG-450	20.81				
								AS-120TG-445	20.56				
								AS-120TG-440	20.32				
8	M/s. Solex Energy Limited (Capacity Addition)	Plot No 1A, Block 938, Tadkeshwar, Kim Mandvi Road, Mandvi, Surat - 394110, Gujarat	R-72008125	3782	i	Bifacial N- type Topcon Module (Glass to Glass)	STGP132R210B16-600 (600 Wp)	STGP132R210B16-625	23.14	132 (Half Cut Cells)	1500	01.09.2023	31.08.2027
								STGP132R210B16-620	22.95				
								STGP132R210B16-615	22.77				
								STGP132R210B16-610	22.58				
								STGP132R210B16-605	22.40				
								STGP132R210B16-600	22.21				
								STGP132R210B16-595	22.03				
								STGP132R210B16-590	21.84				
								STGP132R210B16-585	21.66				
								STGP132R210B16-580	21.47				
								STGP132R210B16-575	21.29				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								STGP132R210B16-570	21.10				
					ii	Bifacial N- type Topcon Module (Glass to Glass)	STGP120R210B16-540 (540 Wp)	STGP120R210B16-565	22.94	120 (Half Cut Cells)	1500		
								STGP120R210B16-560	22.74				
								STGP120R210B16-555	22.53				
								STGP120R210B16-550	22.33				
								STGP120R210B16-545	22.13				
								STGP120R210B16-540	21.92				
								STGP120R210B16-535	21.72				
								STGP120R210B16-530	21.52				
								STGP120R210B16-525	21.32				
								STGP120R210B16-520	21.11				
								STGP120R210B16-515	20.91				
					iii	Bifacial N- type Topcon Module (Glass to Glass)	STGP108R210B16-490 (490 Wp)	STGP108R210B16-510	22.92	108 (Half Cut Cells)	1500		
								STGP108R210B16-505	22.70				
								STGP108R210B16-500	22.47				
								STGP108R210B16-495	22.25				
								STGP108R210B16-490	22.02				
								STGP108R210B16-485	21.80				
								STGP108R210B16-480	21.57				
								STGP108R210B16-475	21.35				
								STGP108R210B16-470	21.12				
					iv	Bifacial N- type Topcon Module (Glass to Glass)	STGP96R210B16-430 (430 Wp)	STGP96R210B16-450	22.65	96 (Half Cut Cells)	1500		
								STGP96R210B16-445	22.40				
								STGP96R210B16-440	22.15				
								STGP96R210B16-435	21.89				
								STGP96R210B16-430	21.64				
								STGP96R210B16-425	21.39				
								STGP96R210B16-420	21.14				
								STGP96R210B16-415	20.89				
								STGP96R210B16-410	20.64				
					v	Bifacial N- type Topcon Module (Glass to Glass)	STGP84R210B16-380 (380 Wp)	STGP84R210B16-395	22.59	84 (Half Cut Cells)	1500		
								STGP84R210B16-390	22.30				
								STGP84R210B16-385	22.02				
								STGP84R210B16-380	21.73				
								STGP84R210B16-375	21.45				
								STGP84R210B16-370	21.16				
								STGP84R210B16-365	20.87				
					vi	Bifacial N- type Topcon Module (Glass to Glass)	STGP72R210B16-325 (325 Wp)	STGP72R210B16-340	22.51	72 (Half Cut Cells)	1500		
								STGP72R210B16-335	22.18				
								STGP72R210B16-330	21.85				
								STGP72R210B16-325	21.52				
								STGP72R210B16-320	21.19				
								STGP72R210B16-315	20.85				
								STGP72R210B16-310	20.52				
					vii	Bifacial N- type Topcon Module (Glass to Glass)	LR8-SMF-66HGD-610M (610 Wp)	LR8-SMF-66HGD-625M	23.14	132 (Half Cut Cells)	1500		
								LR8-SMF-66HGD-620M	22.95				
								LR8-SMF-66HGD-615M	22.77				
								LR8-SMF-66HGD-610M	22.58				
								LR8-SMF-66HGD-605M	22.40				
								LR8-SMF-66HGD-600M	22.21				
								LR8-SMF-66HGD-595M	22.03				
					viii	Bifacial N- type Topcon Module (Glass to Glass)	STGP144M10B16-585 (585 Wp)	STGP144M10B16-610	23.61	144 (Half Cut Cells)	1500		
								STGP144M10B16-605	23.42				
								STGP144M10B16-600	23.23				
								STGP144M10B16-595	23.03				
								STGP144M10B16-590	22.84				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								STGP144M10B16-585	22.65				
								STGP144M10B16-580	22.45				
								STGP144M10B16-575	22.26				
								STGP144M10B16-570	22.07				
								STGP144M10B16-565	21.87				
								STGP144M10B16-560	21.68				
					ix	Bifacial N- type Topcon Module (Glass to Glass)	STGP132M10B16-515 (515 Wp)	STGP132M10B16-535	22.54	132 (Half Cut Cells)	1500		
								STGP132M10B16-530	22.33				
								STGP132M10B16-525	22.12				
								STGP132M10B16-520	21.91				
								STGP132M10B16-515	21.70				
								STGP132M10B16-510	21.49				
								STGP132M10B16-505	21.28				
								STGP132M10B16-500	21.07				
								STGP132M10B16-495	20.86				
								STGP132M10B16-490	20.64				
					x	Bifacial N- type Topcon Module (Glass to Glass)	STGP120M10B16-465 (465 Wp)	STGP120M10B16-485	22.36	120 (Half Cut Cells)	1500		
								STGP120M10B16-480	22.13				
								STGP120M10B16-475	21.90				
								STGP120M10B16-470	21.67				
								STGP120M10B16-465	21.44				
								STGP120M10B16-460	21.20				
								STGP120M10B16-455	20.97				
								STGP120M10B16-450	20.74				
								STGP120M10B16-445	20.51				
					xi	Bifacial N- type Topcon Module (Glass to Glass)	STGP108M10B16-415 (415 Wp)	STGP108M10B16-435	22.17	108 (Half Cut Cells)	1500		
								STGP108M10B16-430	21.92				
								STGP108M10B16-425	21.66				
								STGP108M10B16-420	21.41				
								STGP108M10B16-415	21.15				
								STGP108M10B16-410	20.90				
								STGP108M10B16-405	20.64				
								STGP108M10B16-400	20.39				
								STGP108M10B16-395	20.13				
					xii	Bifacial N- type Topcon Module (Glass to Glass)	STGP96M10B16-375 (375 Wp)	STGP96M10B16-390	22.33	96 (Half Cut Cells)	1500		
								STGP96M10B16-385	22.05				
								STGP96M10B16-380	21.76				
								STGP96M10B16-375	21.47				
								STGP96M10B16-370	21.19				
								STGP96M10B16-365	20.90				
								STGP96M10B16-360	20.61				
					xiii	Bifacial N- type Topcon Module (Glass to Glass)	STGP84M10B16-325 (325 Wp)	STGP84M10B16-340	22.13	84 (Half Cut Cells)	1500		
								STGP84M10B16-335	21.80				
								STGP84M10B16-330	21.48				
								STGP84M10B16-325	21.15				
								STGP84M10B16-320	20.83				
								STGP84M10B16-315	20.50				
								STGP84M10B16-310	20.17				
					xiv	Bifacial N- type Topcon Module (Glass to Glass)	STGP72M10B16-280 (280 Wp)	STGP72M10B16-290	21.86	72 (Half Cut Cells)	1500		
								STGP72M10B16-285	21.48				
								STGP72M10B16-280	21.10				
								STGP72M10B16-275	20.73				
								STGP72M10B16-270	20.35				
9	M/s SAHJANAND GREEN ENERGY LLP	BLOCK NO.645, NR. VIDYADEEP PRIMARY SCHOOL, VILLAGE VADOLI,	R-72012416	193	i	Bifacial N-Type TOPCon Module (Glass to Glass)	SGE_630TG (630 Wp)	SGE_650TG	23.24	156 (Half Cut Cells)	1500	01.03.2026	28.02.2030
								SGE_645TG	23.07				
								SGE_640TG	22.89				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
	(New Addition in ALMM)	OLPAD, SURAT, GUJARAT, India pin Code - 394110						SGE_635TG	22.71				
								SGE_630TG	22.53				
								SGE_625TG	22.35				
								SGE_620TG	22.17				
								SGE_615TG	21.99				
								SGE_610TG	21.81				
								SGE_605TG	21.63				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	SGE_580TG (580 Wp)	SGE_600TG	23.23	144 (Half Cut Cells)	1500		
								SGE_595TG	23.03				
								SGE_590TG	22.84				
								SGE_585TG	22.65				
								SGE_580TG	22.45				
								SGE_575TG	22.26				
								SGE_570TG	22.07				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	SGE_550TG (550 Wp)	SGE_565TG	21.87	144 (Half Cut Cells)	1500		
								SGE_560TG	21.68				
								SGE_555TG	21.48				
								SGE_550TG	21.29				
								SGE_545TG	21.10				
								SGE_540TG	20.90				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	SGE_525TG (525 Wp)	SGE_535TG	22.55	132 (Half Cut Cells)	1500		
								SGE_530TG	22.34				
								SGE_525TG	22.13				
								SGE_520TG	21.92				
								SGE_515TG	21.71				
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	SGE_500TG (500 Wp)	SGE_510TG	21.50	132 (Half Cut Cells)	1500		
								SGE_505TG	21.29				
								SGE_500TG	21.08				
								SGE_495TG	20.87				
								SGE_490TG	20.65				
					vi	Bifacial N-Type TOPCon Module (Glass to Glass)	SGE_480TG (480Wp)	SGE_485TG	22.42	120 (Half Cut Cells)	1500		
								SGE_480TG	22.18				
								SGE_475TG	21.95				
								SGE_470TG	21.72				
								SGE_465TG	21.49				
					vii	Bifacial N-Type TOPCon Module (Glass to Glass)	SGE_450TG (450Wp)	SGE_460TG	21.26	120 (Half Cut Cells)	1500		
								SGE_450TG	20.80				
								SGE_445TG	20.57				
								SGE_440TG	20.34				
					viii	Bifacial Mono c-Si PERC Module(Glass to Glass)	SGE_540MG (540 Wp)	SGE_550MG	21.29	144 (Half Cut Cells)	1500		
								SGE_545MG	21.10				
								SGE_540MG	20.90				
								SGE_535MG	20.71				
								SGE_530MG	20.52				
								SGE_525MG	20.32				
					ix	Bifacial Mono c-Si PERC Module(Glass to Glass)	SGE_510MG (510 Wp)	SGE_520MG	20.13	144 (Half Cut Cells)	1500		
								SGE_515MG	19.94				
								SGE_510MG	19.74				
								SGE_505MG	19.55				
								SGE_500MG	19.36				
								SGE_495MG	19.16				
					x	Bifacial Mono c-Si PERC Module(Glass to Glass)	SGE_475MG (475 Wp)	SGE_490MG	20.65	132 (Half Cut Cells)	1500		
								SGE_485MG	20.44				
								SGE_480MG	20.23				
								SGE_475MG	20.02				
								SGE_470MG	19.81				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								SGE_465MG	19.60				
								SGE_460MG	19.39				
					xi	Bifacial Mono c-Si PERC Module(Glass to Glass)	SGE_430MG (430 Wp)	SGE_440MG	20.34	120 (Half Cut Cells)	1500		
								SGE_435MG	20.10				
								SGE_430MG	20.10				
								SGE_425MG	19.64				
								SGE_420MG	19.41				
								SGE_415MG	19.18				
					xii	Bifacial Mono c-Si PERC Module(Glass to Glass)	SGE_380MG (380 Wp)	SGE_390MG	19.97	108 (Half Cut Cells)	1500		
								SGE_385MG	19.72				
								SGE_380MG	19.46				
								SGE_375MG	19.20				
					xiii	Bifacial Mono c-Si PERC Module(Glass to Glass)	SGE_340MG (340 Wp)	SGE_350MG	20.07	96 (Half Cut Cells)	1500		
								SGE_345MG	19.78				
								SGE_340MG	19.49				
								SGE_335MG	19.21				
10	**M/s. Macwin Solar Energy Private Limited** **(Model Addition + Capacity Addition)**	**Block No.- 462, Near Kanhya showroom, Bhat Gam, Olpad, Olpad-Vadoli Road - 394540, Surat, Gujarat, India**	**R-72012343**	**408**	i	Bifacial N-Type TOPCon Module (Glass To Glass)	MSE590WP144C (590 Wp)	MSE615WP144C	23.61	144 (Half Cut Cell)	1500	22.12.2025	21.12.2029
								MSE610WP144C	23.42				
								MSE605WP144C	23.23				
								MSE600WP144C	23.03				
								MSE595WP144C	22.84				
								MSE590WP144C	22.65				
								MSE585WP144C	22.45				
								MSE580WP144C	22.26				
								MSE575WP144C	22.07				
								MSE570WP144C	21.87				
								MSE565WP144C	21.68				
					ii	Bifacial N-Type TOPCon Module (Glass To Glass)	MSE560WP144C (560 Wp)	MSE560WP144C	21.68	144 (Half Cut Cell)	1500		
								MSE555WP144C	21.48				
					iii	Bifacial N-Type TOPCon Module (Glass To Glass)	MSE530WP132C (530 Wp)	MSE555WP132C	23.38	132 (Half Cut Cell)	1500		
								MSE550WP132C	23.17				
								MSE545WP132C	22.96				
								MSE540WP132C	22.75				
								MSE535WP132C	22.54				
								MSE530WP132C	22.33				
								MSE525WP132C	22.12				
								MSE520WP132C	21.91				
								MSE515WP132C	21.70				
								MSE510WP132C	21.49				
								MSE505WP132C	21.28				
					iv	Bifacial N-Type TOPCon Module (Glass To Glass)	MSE490WP120C (490 Wp)	MSE510WP120C	23.57	120 (Half Cut Cell)	1500		
								MSE505WP120C	23.34				
								MSE500WP120C	23.11				
								MSE495WP120C	22.88				
								MSE490WP120C	22.65				
								MSE485WP120C	22.42				
								MSE480WP120C	22.18				
								MSE475WP120C	21.95				
								MSE470WP120C	21.72				
					v	Bifacial N-Type TOPCon Module (Glass To Glass)	MSE465WP120C (465 Wp)	MSE465WP120C	21.49	120 (Half Cut Cell)	1500		
								MSE460WP120C	21.26				
					vi	Bifacial N-Type TOPCon Module (Glass To Glass)	MSE440WP108C (440 Wp)	MSE460WP108C	23.56	108 (Half Cut Cell)	1500		
								MSE455WP108C	23.30				
								MSE450WP108C	23.04				
								MSE445WP108C	22.79				
								MSE440WP108C	22.53				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								MSE435WP108C	22.28				
								MSE430WP108C	22.02				
								MSE425WP108C	21.76				
								MSE420WP108C	21.51				
					vii	Bifacial N-Type TOPCon Module (Glass To Glass)	MSE410WP108C (410 Wp)	MSE415WP108C	21.25	108 (Half Cut Cell)	1500		
								MSE410WP108C	21.00				
								MSE405WP108C	20.74				
					viii	Bifacial N-Type TOPCon Module (Glass To Glass)	MSE385WP96C (385 Wp)	MSE400WP96C	22.96	96 (Half Cut Cell)	1500		
								MSE395WP96C	22.68				
								MSE390WP96C	22.39				
								MSE385WP96C	22.10				
								MSE380WP96C	21.82				
								MSE375WP96C	21.53				
								MSE370WP96C	21.24				
					ix	Bifacial N-Type TOPCon Module (Glass To Glass)	MSE365WP96C (365 Wp)	MSE365WP96C	20.96	96 (Half Cut Cell)	1500		
								MSE360WP96C	20.67				
					x	Bifacial N-Type TOPCon Module (Glass To Glass)	MSE335WP84C (335 Wp)	MSE350WP84C	22.68	84 (Half Cut Cell)	1500		
								MSE345WP84C	22.35				
								MSE340WP84C	22.03				
								MSE335WP84C	21.71				
								MSE330WP84C	21.38				
					xi	Bifacial N-Type TOPCon Module (Glass To Glass)	MSE290WP72C (290 Wp)	MSE300WP72C	22.71	72 (Half Cut Cell)	1500		
								MSE295WP72C	22.33				
								MSE290WP72C	21.95				
								MSE285WP72C	21.57				
					xii	Bifacial N-Type TOPCon Module (Glass To Glass)	MSE240WP60C (240 Wp)	MSE250WP60C	22.27	60 (Half Cut Cell)	1500		
								MSE245WP60C	21.82				
								MSE240WP60C	21.38				
								MSE235WP60C	20.93				
11	**M/s Best Apartment Private Limited** **(New Addition in ALMM)**	**174 175 200 201 202, BAD KE BALAJI, NH-8, JAIPUR-AJMER ROAD SANGANER, SARANGPURA, NARSINGHPURA, SANGANER, JAIPUR - 302026**	**R-84006300**	**1105**	**i**	Bifacial N-type TOPCon Modules (Glass To Glass)	RPSG144M10TG585 (585Wp)	RPSG144M10TG610	23.61	144 (Half Cut Cells)	1500	01.03.2026	28.02.2030
								RPSG144M10TG605	23.42				
								RPSG144M10TG600	23.23				
								RPSG144M10TG595	23.03				
								RPSG144M10TG590	22.84				
								RPSG144M10TG585	22.65				
								RPSG144M10TG580	22.45				
								RPSG144M10TG575	22.26				
								RPSG144M10TG570	22.07				
								RPSG144M10TG565	21.87				
12	**M/s Websol Energy System Limited** **(Capacity Addition)**	**SECTOR-II, FALTA SPECIAL ECONOMIC ZONE; FALTA, 24 PARGANAS (SOUTH); PIN-743504; WEST BENGAL; INDIA**	**R-51000698**	**579**	**i**	Mono c-Si PERC Module	W5500-GTB-MP535 (535 Wp)	W5500-GTB-MP550	21.29	144 (Half Cut Cells)	1500	21.04.2025	20.04.2029
								W5500-GTB-MP545	21.10				
								W5500-GTB-MP540	20.90				
								W5500-GTB-MP535	20.71				
								W5500-GTB-MP530	20.52				
								W5500-GTB-MP525	20.32				
								W5500-GTB-MP520	20.13				
					ii	Mono c-Si PERC Module	W5500-GTB-MP505 (505 Wp)	W5500-GTB-MP515	19.94	144 (Half Cut Cells)	1500		
								W5500-GTB-MP510	19.74				
								W5500-GTB-MP505	19.55				
								W5500-GTB-MP500	19.36				
								W5500-GTB-MP495	19.16				
					iii	Mono c-Si PERC Module	W5000-GTB-MP495 (495 Wp)	W5000-GTB-MP505	21.27	132 (Half Cut Cells)	1500		
								W5000-GTB-MP500	21.06				
								W5000-GTB-MP495	20.85				
								W5000-GTB-MP490	20.64				
								W5000-GTB-MP485	20.42				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								W5000-GTB-MP480	20.21				
					iv	Mono c-Si PERC Module	W5000-GTB-MP465 (465 Wp)	W5000-GTB-MP475	20.00	132 (Half Cut Cells)	1500		
								W5000-GTB-MP470	19.79				
								W5000-GTB-MP465	19.58				
								W5000-GTB-MP460	19.37				
								W5000-GTB-MP455	19.16				
					v	Mono c-Si PERC Module	W4600-GTB-MP450 (450 Wp)	W4600-GTB-MP460	21.28	120 (Half Cut Cells)	1500		
								W4600-GTB-MP455	21.05				
								W4600-GTB-MP450	20.82				
								W4600-GTB-MP445	20.59				
								W4600-GTB-MP440	20.36				
					vi	Mono c-Si PERC Module	W4600-GTB-MP425 (425 Wp)	W4600-GTB-MP435	20.13	120 (Half Cut Cells)	1500		
								W4600-GTB-MP430	19.89				
								W4600-GTB-MP425	19.66				
								W4600-GTB-MP420	19.43				
								W4600-GTB-MP415	19.20				
13	**M/s Goldi Sun Private Limited** **(Model Addition)**	**BLOCK/SURVEY NO 252/P2, CITY SURVEY NO NA251, NA248/P1,NA248/P2, NA246, NA250, NA249, NA241, NATIONAL HIGHWAY-48, TA. MANGROL,GUJARAT,India-394115**	**R-72014966**	**3384**	**i**	Bifacial N-Type TOPCon Module (Glass to Glass)	GS12R-T132-GF-610 (610 Wp)	GS12R-T132-GF-620	22.95	132 (Half Cut Cells)	1500	22.12.2025	21.12.2029
								GS12R-T132-GF-615	22.77				
								GS12R-T132-GF-610	22.58				
								GS12R-T132-GF-605	22.40				
								GS12R-T132-GF-600	22.21				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	GS12R-T120-GF-555 (555 Wp)	GS12R-T120-GF-565	23.01	120 (Half Cut Cells)	1500		
								GS12R-T120-GF-560	22.81				
								GS12R-T120-GF-555	22.61				
								GS12R-T120-GF-550	22.40				
								GS12R-T120-GF-545	22.20				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	GS12R-T108-GF-500 (500 Wp)	GS12R-T108-GF-510	23.00	108 (Half Cut Cells)	1500		
								GS12R-T108-GF-505	22.78				
								GS12R-T108-GF-500	22.55				
								GS12R-T108-GF-495	22.33				
								GS12R-T108-GF-490	22.10				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	GS10-T144-GF-580 (580Wp)	GS10-T144-GF-565	21.87	144 (Half Cut Cells)	1500		
								GS10-T144-GF-570	22.07				
								GS10-T144-GF-575	22.26				
								GS10-T144-GF-580	22.45				
								GS10-T144-GF-585	22.65				
								GS10-T144-GF-590	22.84				
								GS10-T144-GF-595	23.03				

Note: In case of model inclusion or capacity addition / change, through revision in ALMM List, the capacity mentioned against any manufacturing unit, as appearing in the said Revision to the ALMM List, shall be the ALMM enlisted manufacturing capacity for that manufacturing unit (from the date of the said revision), and the capacity enlisted for that manufacturing unit should not be interpreted as Sum of (enlisted capacity for that manufacturing unit in previous ALMM list/ previous revision to ALMM List) and (enlisted capacity in the present revision)

F. No. 283/41/2024-GRID SOLAR
भारत सरकार / Government of India
नवीन और नवीकरणीय ऊर्जा मंत्रालय / Ministry of New & Renewable Energy
ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003.
Dated: 7th February, 2026

OFFICE MEMORANDUM

Sub: Updation of List I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 – Reg.

Ref: (i) MNRE's O.M. No. 283/54/2018-GRID SOLAR–Part(1) dated 10.03.2021
(ii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 10.05.2023;
(iii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 22.03.2024;
(iv) MNRE's O.M. No. 32/33/2024-SPV Division dated 06.05.2025;

Reference is invited to this Ministry's O.M.s of even no. dated 10.03.2021, regarding implementation of Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirement for Compulsory Registration) Order, 2019 and publishing List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019.

2. This Ministry vide its O.M.s referred at (ii), (iii) & (iv) above, inter-alia, directed that only such models of Solar PV Module Manufacturers will be enlisted under ALMM, which comply with the BIS Standards and are having the following minimum module efficiency:

Category	Application/Use	Minimum Module Efficiency required to be eligible for enlistment in ALMM for solar PV modules	
		For c-Si technology based solar PV modules	For CdTe thin film technology based solar PV modules
Category-I	Utility/Grid Scale Power Plants	20.00%	19.00%
Category-II	Rooftop and Solar Pumping	19.50%	18.50%
Category-III	Off-grid projects/applications like solar lamps, solar lights, solar street lights, solar fans, etc. (other than solar powered agricultural pumps and solar PV rooftops) requiring individual capacity of each solar PV module deployed, to be of less than 200 Watt peak	18.00%	18.00%
		(not to be included in main ALMM List-I but to be included in a separate ALMM list called ALMM List-I (DRE)	
Category-IV	Any other application	19.00%	18.00%

3. Post the aforesaid O.M. dated 10.05.2023 and subsequent O.M.s dated 22.03.2024 and 06.05.2025, only such models of Solar PV Modules have been considered for enlistment under ALMM List-I, whose module efficiency is meeting the eligibility criteria as mentioned in table at para-2 above.

4. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 was last updated on 22.12.2025.

5. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 is hereby further revised and the Revision-XLVI *(in the format of additions / modifications to Revision-XLV)* is enclosed at Annexure-I. The last revision no. XLV dated 22.12.2025 is at pages after Annexure-I.

6. The ALMM enlistment validity is subject to valid BIS Registration; else deemed to be delisted.

7. The details of Registration No. (R. No.) which has been allotted by BIS is mentioned against each manufacturer / manufacturing unit enlisted in ALMM and further details related to BIS certification like validity, models included, etc. may be checked from BIS website by using the following link:
https://www.crsbis.in/BIS/Lims_registrationc.do?hmode=getLimsData

8. This issues with the approval of competent authority.

(Sanjay G. Karndhar)
Scientist-E
E-mail: karndhar.sg@nic.in

Encl: as above

To: All Concerned
Copy to: Director (Technical), NIC, MNRE for uploading this document on MNRE's website

Annexure-I
Revision-XLVI

A. Amendments/ Updations in previous lists of ALMM List-I

1. In list dated 22.12.2025 => Sl. No. 07 (M/s Frontier Energy) => Name of Company may be read as M/s Frontier Energies Pvt. Ltd. instead of M/s Frontier Energy Pvt. Ltd.

2. In list dated 22.12.2025=> Sl. No. 13 (M/s INOX Solar) => Type of Module may be read as N type TOPCon Module (Glass to Glass) instead of N type TOPCon Module (Glass to Transparent Backsheet)

Annexure-I
Revision-XLVI

B. New additions on 07/02/2026 in the List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
1	M/s KRG POWER SOLAR PRIVATE LIMITED (New Addition in ALMM)	128/1, K.AYYAMPALAYAM POST, PALLADAM TALUK, TIRUPPUR DISTRICT TAMIL NADU,India-641662	R-61006203	1094	i	Bifacial N-Type TOPCon Module (Glass to Glass)	V-SPACE10 (610 Wp)	V-SPACE13 (625W)	23.14	132 Half Cut Cell	1500	07.02.2026	06.02.2030
								V-SPACE12 (620W)	22.95				
								V-SPACE11 (615W)	22.77				
								V-SPACE10 (610W)	22.58				
								V-SPACE09 (605W)	22.40				
								V-SPACE08 (600W)	22.21				
								V-SPACE07 (595W)	22.03				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	V-SPACE04 (580W)	V-SPACE06 (590W)	21.84	132 Half Cut Cell	1500		
								V-SPACE05 (585W)	21.66				
								V-SPACE04 (580W)	21.47				
								V-SPACE03 (575W)	21.29				
								V-SPACE02 (570W)	21.10				
								V-SPACE01 (565W)	20.92				
2	M/s RenewSys India Pvt. Ltd. (New Addition in ALMM)	B-300, SURVEY NO: 54/1 (PT); AJIVALI (V); KHALAPUR-TALUKA; RAIGAD DISTRICT, MAHARASHTRA MAHARASHTRA,India-410203	R-71045160	2268	i	Bifacial N-Type TOPCon Module (Glass to Glass)	DESERV EXTREME R-610 (610 Wp)	DESERV EXTREME R-600	22.24	132 (Half Cut Cells)	1500	07.02.2026	06.02.2030
								DESERV EXTREME R-605	22.43				
								DESERV EXTREME R-610	22.61				
								DESERV EXTREME R-615	22.80				
								DESERV EXTREME R-620	22.98				
3	M/s. Unique Sun Power Private Limited (Model Addition + Capacity Addition)	BL No. 2281/2/1/1, Sub Plot 1-A, Tadkeshwar, Near Areth Minnor Canal, Mandvi, Surat - 394170, Gujarat, India	R-72005550	386	i	Bifacial N-Type TOPCon Module (Glass to Glass)	SUN120T450 (450 Wp)	SUN120T450	20.82	120 (Half Cut cells)	1500	21.05.2025	20.05.2029
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	SUN120T500 (500 Wp)	SUN120T500	23.13	120 (Half Cut cells)	1500		
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	SUN132T550 (550 Wp)	SUN132T540	22.74	132 (Half cut cells)	1500		
								SUN132T545	22.95				
								SUN132T550	23.16				
								SUN132T555	23.37				
								SUN132T560	23.58				
								SUN132T565	23.79				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	SUN144T610 (610 Wp)	SUN144T590	22.83	144 (Half Cut Cells)	1500		
								SUN144T595	23.02				
								SUN144T600	23.22				
								SUN144T605	23.41				
								SUN144T610	23.60				
								SUN144T615	23.80				
								SUN144T620	23.99				
					v	Mono c-Si PERC Module	SUN132P505 (505Wp)	SUN132P500	21.24	132 (Half Cut Cells)	1500		
								SUN132P505	21.45				
4	M/s SUNBOND ENERGY PRIVATE LIMITED (UNIT-2) (New Addition in ALMM)	SURVEY NO 270/ P1-P2, NR. ONERY TILES, MITANA, MITANA- NEKNAM, PADADHARI ROAD, TANKARA, MITANA, MORBI, 363650, NA, GUJARAT, India - 363650	R-72015164	844	i	Bifacial N-Type TOPCon Module (Glass to Glass)	SEPLG12R132-610 (610 Wp)	SEPLG12R132-600	22.21	132 (Half Cut Cells)	1500	07.02.2026	06.02.2030
								SEPLG12R132-605	22.40				
								SEPLG12R132-610	22.58				
								SEPLG12R132-615	22.77				
								SEPLG12R132-620	22.95				
								SEPLG12R132-625	23.14				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	SEPL16BGGN144-580 (580 Wp)	SEPL16BGGN144-570	22.07	144 (Half Cut Cells)	1500		
								SEPL16BGGN144-575	22.26				
								SEPL16BGGN144-580	22.45				
								SEPL16BGGN144-585	22.65				
								SEPL16BGGN144-590	22.84				
								SEPL16BGGN144-595	23.03				
5	M/s SUNIFY SOLAR LLP (Model Addition + Capacity Addition)	Survey no. 624P1, Near Hanuman Temple, Sarvad, Pipaliya Maliya Highway, Chachavadarda road, Morbi - 363660, Gujarat, India	R-72005800	1558	i	Bifacial N-Type TOPCon Module (Glass to Glass)	SS144N580G (580 Wp)	SS144N555G	21.48	144 (Half Cut Cells)	1500	21.04.2025	20.04.2029
								SS144N560G	21.68				
								SS144N565G	21.87				
								SS144N570G	22.07				
								SS144N575G	22.26				
								SS144N580G	22.45				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								SS144N585G	22.65				
								SS144N590G	22.84				
								SS144N595G	23.03				
								SS144N600G	23.23				
								SS144N605G	23.42				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	SS132N530G (530 Wp)	SS132N510G	21.48	132 (Half Cut Cells)	1500		
								SS132N515G	21.69				
								SS132N520G	21.90				
								SS132N525G	22.11				
								SS132N530G	22.32				
								SS132N535G	22.53				
								SS132N540G	22.74				
								SS132N545G	22.95				
								SS132N550G	23.16				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	SS120N460G (460 Wp)	SS120N455G	21.05	120 (Half Cut Cells)	1500		
								SS120N460G	21.28				
								SS120N465G	21.51				
								SS120N470G	21.75				
								SS120N475G	21.98				
								SS120N480G	22.21				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	SS120N495G (495 Wp)	SS120N485G	22.44	120 (Half Cut Cells)	1500		
								SS120N490G	22.67				
								SS120N495G	22.90				
								SS120N500G	23.13				
								SS120N505G	23.36				
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	SS108N425G (425 Wp)	SS108N410G	20.74	108 (Half Cut Cells)	1500		
								SS108N405G	21.00				
								SS108N415G	21.25				
								SS108N420G	21.51				
								SS108N425G	21.76				
								SS108N430G	22.02				
								SS108N435G	22.28				
								SS108N440G	22.53				
								SS108N445G	22.79				
								SS108N450G	23.04				
					vi	Bifacial N-Type TOPCon Module (Glass to Backsheet)	SS144N580B (580 Wp)	SS144N555B	21.48	144 (Half Cut Cells)	1500		
								SS144N560B	21.68				
								SS144N565B	21.87				
								SS144N570B	22.07				
								SS144N575B	22.26				
								SS144N580B	22.45				
								SS144N585B	22.65				
								SS144N590B	22.84				
								SS144N595B	23.03				
								SS144N600B	23.23				
								SS144N605B	23.42				
					vii	Bifacial N-Type TOPCon Module (Glass to Backsheet)	SS132N530B (530 Wp)	SS132N510B	21.48	132 (Half Cut Cells)	1500		
								SS132N515B	21.69				
								SS132N520B	21.90				
								SS132N525B	22.11				
								SS132N530B	22.32				
								SS132N535B	22.53				
								SS132N540B	22.74				
								SS132N545B	22.95				
								SS132N550B	23.16				
					viii	Bifacial N-Type TOPCon Module (Glass to Backsheet)	SS120N465B (465 Wp)	SS120N455B	21.05	120 (Half Cut Cells)	1500		
								SS120N460B	21.28				
								SS120N465B	21.51				
								SS120N470B	21.75				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								SS120N475B	21.98				
								SS120N480B	22.21				
					ix	Bifacial N-Type TOPCon Module (Glass to Backsheet)	SS120N495B (495 Wp)	SS120N485B	22.44	120 (Half Cut Cells)	1500		
								SS120N490B	22.67				
								SS120N495B	22.90				
								SS120N500B	23.13				
								SS120N505B	23.36				
					x	Bifacial N-Type TOPCon Module (Glass to Backsheet)	SS108N430B (430 Wp)	SS108N405B	20.74	108 (Half Cut Cells)	1500		
								SS108N410B	21.00				
								SS108N415B	21.25				
								SS108N420B	21.51				
								SS108N425B	21.76				
								SS108N430B	22.02				
								SS108N435B	22.28				
								SS108N440B	22.53				
								SS108N445B	22.79				
								SS108N450B	23.04				
6	**M/s SAEL SOLAR P6 PRIVATE LIMITED** **(New Addition in ALMM)**	**KH NO. 154, 743/738 AT VILLAGE BADGOAN, TEHSIL KISHANGARH, AJMER, RAJASTHAN, 305801**	**R-84006297**	**1535**	i	Bifacial N-Type TOPConModule (Glass to Glass)	SL156GTG-630T (630 Wp)	SL156GTG-640T	22.92	156 Half Cut cells	1500	07.02.2026	06.02.2030
								SL156GTG-635T	22.74				
								SL156GTG-630T	22.57				
								SL156GTG-625T	22.74				
								SL156GTG-620T	22.21				
								SL156GTG-615T	22.03				
								SL156GTG-610T	21.85				
								SL156GTG-605T	21.67				
								SL156GTG-600T	21.49				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	SL144GTG-580T (580 Wp)	SL144GTG-600T	23.23	144 Half Cut cells	1500		
								SL144GTG-595T	23.03				
								SL144GTG-590T	22.84				
								SL144GTG-585T	22.65				
								SL144GTG-580T	22.45				
								SL144GTG-575T	22.26				
								SL144GTG-570T	22.07				
								SL144GTG-565T	21.87				
7	**M/s. Mundra Solar PV Limited** **(Model Addition + Capacity Addition)**	**Survey no 180 P, Co Mundra Solar Technopark Pvt. Ltd, Electronics Manufacturing Cluster EMC, Village Vandh and Tunda , Mundra , Kutch , Adani Ports and Special Economic Zone, Kachchh, Gujarat, 370435**	**R-72008532**	**2429**	i	Bifacial N Type- TOPCon (Glass to Glass)	AB-G12R-132-625 (625 Wp)	AB-G12R-132-625	23.16	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028
8	**M/s. Sun 2 Earth Solar** **(New Addition in ALMM)**	**Block No. 331, Ena Gam, Palsana, Barasadi, Ena-Tundi Road Near Char Rasta, Surat- 394310 Gujarat, India**	**R-72014001**	**30**	i	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-570 (570 Wp)	S2E-595	23.05	144 (Half Cut Cells)	1500	07.02.2026	06.02.2030
								S2E-590	22.86				
								S2E-585	22.67				
								S2E-580	22.47				
								S2E-575	22.28				
								S2E-570	22.08				
								S2E-565	21.89				
								S2E-560	21.70				
								S2E-555	21.50				
								S2E-550	21.31				
								S2E-545	21.12				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-520 (520 Wp)	S2E-540	22.75	132 (Half Cut Cells)	1500		
								S2E-535	22.54				
								S2E-530	22.33				
								S2E-525	22.12				
								S2E-520	21.91				
								S2E-515	21.70				
								S2E-510	21.49				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								S2E-505	21.28				
								S2E-500	21.06				
								S2E-495	20.85				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-480 (480 Wp)	S2E-490	22.62	120 (Half Cut Cells)	1500		
								S2E-485	22.39				
								S2E-480	22.16				
								S2E-475	21.93				
								S2E-470	21.70				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-455 (455 Wp)	S2E-465	21.47	120 (Half Cut Cells)	1500		
								S2E-460	21.23				
								S2E-455	21.00				
								S2E-450	20.77				
								S2E-445	20.54				
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-420 (420 Wp)	S2E-440	22.55	108 (Half Cut Cells)	1500		
								S2E-435	22.30				
								S2E-430	22.04				
								S2E-425	21.78				
								S2E-420	21.53				
								S2E-415	21.27				
								S2E-410	21.01				
								S2E-405	20.76				
								S2E-400	20.50				
					vi	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-250-24 (250 Wp)	S2E-250-24	22.54	60 (Half Cut Cells)	1000		
								S2E-240-24	21.64				
					vii	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-230-24 (230 Wp)	S2E-230-24	20.73	60 (Half Cut Cells)	1000		
								S2E-225-24	20.28				
					viii	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-250-12 (250 Wp)	S2E-250-12	22.54	60 (Half Cut Cells)	1000		
								S2E-240-12	21.64				
					ix	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-230-12 (230 Wp)	S2E-230-12	20.73	60 (Half Cut Cells)	1000		
								S2E-225-12	20.28				
					x	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-210 (210 Wp)	S2E-210	20.49	56 (Half Cut Cells)	1000		
								S2E-205	20.00				
					xi	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-200 (200Wp)	S2E-200	22.48	48 (Half Cut Cells)	1000		
								S2E-195	21.92				
								S2E-190	21.36				
					xii	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-185 (185 Wp)	S2E-185	22.47	44 (Half Cut Cells)	1000		
								S2E-180	21.87				
					xiii	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-175 (185 Wp)	S2E-175	21.26	44 (Half Cut Cells)	1000		
								S2E-170	20.65				
					xiv	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-165 (165 Wp)	S2E-165	21.94	40 (Half Cut Cells)	1000		
								S2E-160	21.28				
					xv	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-150 (150 Wp)	S2E-150	22.03	36 (Half Cut Cells)	1000		
								S2E-145	21.30				
								S2E-140	20.56				
					xvi	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-135 (135 Wp)	S2E-135	22.09	32 (Half Cut Cells)	1000		
								S2E-130	21.27				
					xvii	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-125 (125 Wp)	S2E-125	21.79	30 (Half Cut Cells)	1000		
								S2E-120	20.92				
					xviii	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-335 (335 Wp)	S2E-335	22.64	120 (Half Cut Cells)	1000		
								S2E-330	22.30				
								S2E-325	21.96				
								S2E-320	21.63				
								S2E-315	21.29				
								S2E-310	20.95				
								S2E-305	20.61				
					xix	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-100 (100 Wp)	S2E-100	21.46	30 (Half Cut Cells)	1000		
								S2E-095	20.39				
					xx	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-080 (80 Wp)	S2E-080	21.13	30 (Half Cut Cells)	1000		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					xxi	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-075 (75 Wp)	S2E-075	19.81	30 (Half Cut Cells)	1000		
					xxii	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-050 (50 Wp)	S2E-050	21.37	36 (Half Cut Cells)	1000		
					xxiii	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-045 (45 Wp)	S2E-045	19.23	36 (Half Cut Cells)	1000		
					xxiv	Bifacial N-Type TOPCon Module (Glass to Glass)	S2E-040 (40 Wp)	S2E-040	20.11	30 (Half Cut Cells)	1000		
9	M/s. Pahal Solar Private Limited (New Addition in ALMM)	Block No. 267/B, 271/B,272, B/H Samarthya Bellavista, Olpad-Sayan Road, Olpad, Atodra, Surat, Gujarat, 394130	R-72015008	2076	i	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GB600 (600 Wp)	PSN_GB620	24.00	144 (Half Cut Cells)	1500	07.02.2026	06.02.2030
								PSN_GB615	23.81				
								PSN_GB610	23.61				
								PSN_GB605	23.42				
								PSN_GB600	23.23				
								PSN_GB595	23.03				
								PSN_GB590	22.84				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GB570 (570 Wp)	PSN_GB585	22.65	144 (Half Cut Cells)	1500		
								PSN_GB580	22.45				
								PSN_GB575	22.26				
								PSN_GB570	22.07				
								PSN_GB565	21.87				
								PSN_GB560	21.68				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GRC635 (635Wp)	PSN_GRC650	24.06	132 (Half Cut Cells)	1500		
								PSN_GRC645	23.88				
								PSN_GRC640	23.69				
								PSN_GRC635	23.51				
								PSN_GRC630	23.32				
								PSN_GRC625	23.14				
								PSN_GRC620	22.95				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GRC600 (600 Wp)	PSN_GRC615	22.77	132 (Half Cut Cells)	1500		
								PSN_GRC610	22.58				
								PSN_GRC605	22.40				
								PSN_GRC600	22.21				
								PSN_GRC595	22.03				
								PSN_GRC590	21.84				
								PSN_GRC585	21.66				
10	M/s. Surya International Enterprise Private Limited (Model Addition + Capacity Addition)	Plot No. S4-E1-21, EMC Park, Infovally II, Harekrushnapur, Jatani, Bhubaneswar-751019, Orissa, India	R-52000175	397	i	Bifacial N-Type TOPCon Module (Glass to Glass)	SI640TCBI-NT156 (640 Wp)	SI660TCBI-NT156	23.61	156 (Half Cut Cells)	1500	16.11.2023	15.11.2027
								SI655TCBI-NT156	23.43				
								SI650TCBI-NT156	23.25				
								SI645TCBI-NT156	23.07				
								SI640TCBI-NT156	22.90				
								SI635TCBI-NT156	22.72				
								SI630TCBI-NT156	22.54				
								SI625TCBI-NT156	22.36				
								SI620TCBI-NT156	22.18				
								SI615TCBI-NT156	22.00				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	SI585TCBI-NT144 (585 Wp)	SI610TCBI-NT144	23.61	144 (Half Cut Cells)	1500		
								SI605TCBI-NT144	23.42				
								SI600TCBI-NT144	23.23				
								SI595TCBI-NT144	23.03				
								SI590TCBI-NT144	22.84				
								SI585TCBI-NT144	22.65				
								SI580TCBI-NT144	22.45				
								SI575TCBI-NT144	22.26				
								SI570TCBI-NT144	22.07				
								SI565TCBI-NT144	21.87				
								SI560TCBI-NT144	21.68				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	SI540TCBI-NT132 (540 Wp)	SI555TCBI-NT132	23.37	132 (Half Cut Cells)	1500		
								SI550TCBI-NT132	23.16				
								SI545TCBI-NT132	22.95				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								SI540TCBI-NT132	22.74				
								SI535TCBI-NT132	22.53				
								SI530TCBI-NT132	22.32				
								SI525TCBI-NT132	22.11				
								SI520TCBI-NT132	21.90				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	SI490TCBI-NT120 (490 Wp)	SI505TCBI-NT120	23.28	120 (Half Cut Cells)	1500		
								SI500TCBI-NT120	23.05				
								SI495TCBI-NT120	22.82				
								SI490TCBI-NT120	22.59				
								SI485TCBI-NT120	22.36				
								SI480TCBI-NT120	22.13				
								SI475TCBI-NT120	21.90				
								SI470TCBI-NT120	21.67				
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	SI440TCBI-NT108 (440 Wp)	SI455TCBI-NT108	23.25	108 (Half Cut Cells)	1500		
								SI450TCBI-NT108	22.99				
								SI445TCBI-NT108	22.74				
								SI440TCBI-NT108	22.48				
								SI435TCBI-NT108	22.22				
								SI430TCBI-NT108	21.97				
								SI425TCBI-NT108	21.71				
								SI420TCBI-NT108	21.46				
					vi	Bifacial N-Type TOPCon Module (Glass to Glass)	SI400TCBI-NT96 (400 Wp)	SI410TCBI-NT96	23.31	96 (Half Cut Cells)	1500		
								SI400TCBI-NT96	22.74				
								SI395TCBI-NT96	22.46				
								SI390TCBI-NT96	22.17				
					vii	Bifacial N-Type TOPCon Module (Glass to Glass)	SI380TCBI-NT96 (380 Wp)	SI385TCBI-NT96	21.89	96 (Half Cut Cells)	1500		
								SI380TCBI-NT96	21.61				
								SI375TCBI-NT96	21.32				
					viii	Bifacial N-Type TOPCon Module (Glass to Glass)	SI345TCBI-NT84 (345 Wp)	SI360TCBI-NT84	23.34	84 (Half Cut Cells)	1500		
								SI355TCBI-NT84	23.02				
								SI350TCBI-NT84	22.69				
								SI345TCBI-NT84	22.37				
								SI340TCBI-NT84	22.05				
								SI335TCBI-NT84	21.72				
								SI330TCBI-NT84	21.40				
					ix	Bifacial N-Type TOPCon Module (Glass to Glass)	SI300TCBI-NT72 (300 Wp)	SI305TCBI-NT72	22.77	72 (Half Cut Cells)	1500		
								SI300TCBI-NT72	22.40				
								SI295TCBI-NT72	22.03				
					x	Bifacial N-Type TOPCon Module (Glass to Glass)	SI285TCBI-NT72 (285 Wp)	SI290TCBI-NT72	21.65	72 (Half Cut Cells)	1500		
								SI285TCBI-NT72	21.28				
								SI280TCBI-NT72	20.91				
11	**M/s. Premier Energies Global Environment Private Limited** **(New Addition in ALMM)**	**303, 304, 305 AND 306/2, IALA-MAHESWARAM, RANGAREDDY - 501359, India**	**R-63005460**	**1507**	i	Bifacial N-Type TOPCon Module (Glass to Glass)	PE-132-610THGB-G12R (610 Wp)	PE-132-630THGB-G12R	23.32	132 (Half Cut Cells)	1500	07.02.2026	06.02.2030
								PE-132-625THGB-G12R	23.14				
								PE-132-620THGB-G12R	22.95				
								PE-132-615THGB-G12R	22.77				
								PE-132-610THGB-G12R	22.58				
								PE-132-605THGB-G12R	22.40				
								PE-132-600THGB-G12R	22.21				
12	**M/s. Emmvee Energy Private Limited** **(Model Addition + Capacity Addition)**	**Ground , 13/1 13/2 14 15/1 15/2 16/1 16/2 17/1 17/2 TO 22/3, HSK LOGISTICS ASSETS (INDIA) PVT LTD B&C BLOCK , NH 648, HSK LOGISTICS ASSETS (INDIA) PVT LTD, KADARANAPURA VILLAGE, SULIBELE, BENGALURU RURAL, KARNATAKA-562129 INDIA**	**R-62006050**	**4308**	i	Bifacial N-Type TOPcon Module (Glass to Glass)	E610HCBG132-T (610 Wp)	E635HCBG132-T	23.51	132 (Half Cut Cells)	1500	19.09.2025	18.09.2029
								E630HCBG132-T	23.32				
								E625HCBG132-T	23.14				
								E620HCBG132-T	22.95				
								E615HCBG132-T	22.77				
								E610HCBG132-T	22.58				
								E605HCBG132-T	22.40				
								E600HCBG132-T	22.21				
								E595HCBG132-T	22.03				
								E590HCBG132-T	21.84				
								E585HCBG132-T	21.66				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
13	M/s. ReNew Photovoltaics Private Limited (Model Addition + Capacity Addition)	PLOT NO-DTA-02-40 TO 45, DOMESTIC TARIFF AREA PHASE-II, MAHINDRA WORLD CITY TAHSILSANGANER, JAIPUR, NA, RAJASTHAN, India - 302037	R-84003778	3550	i	Bifacial N-Type TOPCon Module (Glass to Glass)	RPS3MH66BD630 (630 Wp)	RPS3MH66BD615	22.77	132 (Half Cut Cells)	1500	16.11.2023	15.11.2027
								RPS3MH66BD620	22.95				
								RPS3MH66BD625	23.14				
								RPS3MH66BD630	23.32				
								RPS3MH66BD635	23.32				
								RPS3MH66BD640	23.69				
								RPS3MH66BD645	23.88				
14	M/s. Grew Energy Private Limited (New Addition in ALMM)	Khasra Number 851 to 854,870,871, Nolya, Dudu, Rajasthan, 303008, Rajasthan, India - 303008	R-84006289	3015	i	Bifacial N-Type TOPCon Module (Glass to Glass)	GTG12R66H615 (615 Wp)	GTG12R66H625	23.14	132 (Half Cut Cells)	1500	07.02.2026	06.02.2030
								GTG12R66H620	22.95				
								GTG12R66H615	22.77				
								GTG12R66H610	22.58				
								GTG12R66H605	22.40				
								GTG12R66H600	22.21				
15	M/s INOX SOLAR LIMITED (Model Addition)	B500, BHAYALA, BAVLA TALUKA, KERALA GIDC, AHMEDABAD, GUJARAT,India - 382240	R-72015016	1274	i	N-Type TOPCon Module (Glass to Glass)	ISL 144 NM10R 580 (580 Wp)	ISL 144 NM10R 570	22.07	144 (Half Cut Cells)	1500	22.12.2025	21.12.2029
								ISL 144 NM10R 575	22.26				
								ISL 144 NM10R 580	22.45				
								ISL 144 NM10R 585	22.65				
								ISL 144 NM10R 590	22.84				
								ISL 144 NM10R 595	23.03				
					ii	N-Type TOPCon Module (Glass to Glass)	ISL 132 NG12R 610 (610 Wp)	ISL 132 NG12R 600	22.21	132 (Half Cut Cells)	1500		
								ISL 132 NG12R 605	22.40				
								ISL 132 NG12R 610	22.58				
								ISL 132 NG12R 615	22.77				
								ISL 132 NG12R 620	22.95				
								ISL 132 NG12R 625	23.14				
16	M/s OSWAL SOLAR STRUCTURE PRIVATE LIMITED (Model Addition)	OPPOSITE DD INTERNATIONAL PVT. LTD., LINK ROAD, VILLAGE KUTAIL, KARNAL, HARYANA, India -132037	R-91013935	513	i	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	OSWAL560M10RD144TF (560Wp)	OSWAL560M10RD144TF	21.68	144 (Half Cut Cell)	1500	24.05.2024	23.05.2028
					ii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	OSWAL530M10RD144TF (530Wp)	OSWAL555M10RD144TF	21.48	144 (Half Cut Cell)	1500		
								OSWAL550M10RD144TF	21.29				
								OSWAL545M10RD144TF	21.10				
								OSWAL540M10RD144TF	20.90				
								OSWAL535M10RD144TF	20.71				
								OSWAL530M10RD144TF	20.52				
								OSWAL525M10RD144TF	20.32				
								OSWAL520M10RD144TF	20.13				
								OSWAL515M10RD144TF	19.94				
								OSWAL510M10RD144TF	19.74				
								OSWAL505M10RD144TF	19.55				
					iii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	OSWAL560M10RN144TF (560Wp)	OSWAL560M10RN144TF	21.68	144 (Half Cut Cell)	1500		
					iv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	OSWAL530M10RN144TF (530Wp)	OSWAL555M10RN144TF	21.48	144 (Half Cut Cell)	1500		
								OSWAL550M10RN144TF	21.29				
								OSWAL545M10RN144TF	21.10				
								OSWAL540M10RN144TF	20.90				
								OSWAL535M10RN144TF	20.71				
								OSWAL530M10RN144TF	20.52				
								OSWAL525M10RN144TF	20.32				
								OSWAL520M10RN144TF	20.13				
								OSWAL515M10RN144TF	19.94				
								OSWAL510M10RN144TF	19.74				
								OSWAL505M10RN144TF	19.55				
					v	Mono PERC C-Si Module (Glass to Backsheet)	OSWAL560M10RD144WF (560Wp)	OSWAL560M10RD144WF	21.68	144 (Half Cut Cell)	1500		
					vi	Mono PERC C-Si Module (Glass to Backsheet)	OSWAL530M10RD144WF (530Wp)	OSWAL555M10RD144WF	21.48	144 (Half Cut Cell)	1500		
								OSWAL550M10RD144WF	21.29				
								OSWAL545M10RD144WF	21.10				
								OSWAL540M10RD144WF	20.90				
								OSWAL535M10RD144WF	20.71				
								OSWAL530M10RD144WF	20.52				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								OSWAL525M10RD144WF	20.32				
								OSWAL520M10RD144WF	20.13				
								OSWAL515M10RD144WF	19.94				
								OSWAL510M10RD144WF	19.74				
								OSWAL505M10RD144WF	19.55				
					vii	Mono PERC C-Si Module (Glass to Backsheet)	OSWAL560M10RN144WF (560Wp)	OSWAL560M10RN144WF	21.68	144 (Half Cut Cell)	1500		
					viii	Mono PERC C-Si Module (Glass to Backsheet)	OSWAL530M10RN144WF (530Wp)	OSWAL555M10RN144WF	21.48	132 (Half Cut Cell)	1500		
								OSWAL550M10RN144WF	21.29				
								OSWAL545M10RN144WF	21.10				
								OSWAL540M10RN144WF	20.90				
								OSWAL535M10RN144WF	20.71				
								OSWAL530M10RN144WF	20.52				
								OSWAL525M10RN144WF	20.32				
								OSWAL520M10RN144WF	20.13				
								OSWAL515M10RN144WF	19.94				
								OSWAL510M10RN144WF	19.74				
								OSWAL505M10RN144WF	19.55				
17	**M/s. Mundra Solar PV Limited** **(Model Addition under Co-ALMM)**	**Co-ALMM with M/s. Goldi Sun Private Limited** **Manufacturing Address:** **City Survey No. 920, Vijalpore Road, TA,Dis., Navsari , Gujarat, India - 396445**	**R-72012025**	**210 (As per CoBranding Agreement)**	i	Bifacial N-Type TOPCon Module (Glass to Glass)	AB-G12R-132-610 (610 Wp)	AB-G12R-132-620	22.95	132 (Half Cut Cell)	1500	07.02.2026	27.11.2026
								AB-G12R-132-615	22.77				
								AB-G12R-132-610	22.58				
								AB-G12R-132-605	22.40				
								AB-G12R-132-600	22.21				

Note: In case of model inclusion or capacity addition / change, through revision in ALMM List, the capacity mentioned against any manufacturing unit, as appearing in the said Revision to the ALMM List, shall be the ALMM enlisted manufacturing capacity for that manufacturing unit (from the date of the said revision), and the capacity enlisted for that manufacturing unit should not be interpreted as Sum of (enlisted capacity for that manufacturing unit in previous ALMM list/ previous revision to ALMM List) and (enlisted capacity in the present revision)

F. No. 283/41/2024-GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय / Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003.
Dated: 22nd December 2025

OFFICE MEMORANDUM

Sub: Updation of List I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 – Reg.

Ref: (i) MNRE's O.M. No. 283/54/2018-GRID SOLAR–Part(1) dated 10.03.2021
(ii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 10.05.2023;
(iii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 22.03.2024;
(iv) MNRE's O.M. No. 32/33/2024-SPV Division dated 06.05.2025;

Reference is invited to this Ministry's O.M.s of even no. dated 10.03.2021, regarding implementation of Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirement for Compulsory Registration) Order, 2019 and publishing List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019.

2. This Ministry vide its O.M.s referred at (ii), (iii) & (iv) above, inter-alia, directed that only such models of Solar PV Module Manufacturers will be enlisted under ALMM, which comply with the BIS Standards and are having the following minimum module efficiency:

<table>
<tr><th rowspan="2">Category</th><th rowspan="2">Application/Use</th><th colspan="2">Minimum Module Efficiency required to be eligible for enlistment in ALMM for solar PV modules</th></tr>
<tr><th>For c-Si technology based solar PV modules</th><th>For CdTe thin film technology based solar PV modules</th></tr>
<tr><td>Category-I</td><td>Utility/Grid Scale Power Plants</td><td>20.00%</td><td>19.00%</td></tr>
<tr><td>Category-II</td><td>Rooftop and Solar Pumping</td><td>19.50%</td><td>18.50%</td></tr>
<tr><td rowspan="2">Category-III</td><td rowspan="2">Off-grid projects/applications like solar lamps, solar lights, solar street lights, solar fans, etc. (other than solar powered agricultural pumps and solar PV rooftops) requiring individual capacity of each solar PV module deployed, to be of less than 200 Watt peak</td><td>18.00%</td><td>18.00%</td></tr>
<tr><td colspan="2">(not to be included in main ALMM List-I but to be included in a separate ALMM list called ALMM List-I (DRE)</td></tr>
<tr><td>Category-IV</td><td>Any other application</td><td>19.00%</td><td>18.00%</td></tr>
</table>

3. Post the aforesaid O.M. dated 10.05.2023 and subsequent O.M.s dated 22.03.2024 and 06.05.2025, only such models of Solar PV Modules have been considered for enlistment under ALMM List-I, whose module efficiency is meeting the eligibility criteria as mentioned in table at para-2 above.

4. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 was last updated on 25.11.2025.

5. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 is hereby further revised and the Revision-XLV *(in the format of additions / modifications to Revision-XLIV)* is enclosed at Annexure-I. The last revision no. XLIV dated 25.11.2025 is at pages after Annexure-I.

6. The ALMM enlistment validity is subject to valid BIS Registration; else deemed to be delisted.

7. The details of Registration No. (R. No.) which has been allotted by BIS is mentioned against each manufacturer / manufacturing unit enlisted in ALMM and further details related to BIS certification like validity, models included, etc. may be checked from BIS website by using the following link:
https://www.crsbis.in/BIS/Lims_registrationc.do?hmode=getLimsData

8. This issues with the approval of competent authority.

(Sanjay G. Karndhar)
Scientist-E
E-mail: karndhar.sg@nic.in

Encl: as above

To: All Concerned
Copy to: Director (Technical), NIC, MNRE for uploading this document on MNRE's website

Annexure-I
Revision-XLV

A. Amendments/ Updations in previous lists of ALMM List-I

1. **Revision XXXVI Sl. No. 1 =>** Removal of Emmvee Unit–1 located in # 13/1, International Airport Road. Bettahalasur Post, Bengaluru - 562 157, India, from ALMM List-I for solar PV modules, as the BIS validity of the said manufacturing plant has already expired on 19.09.2025 and has not been renewed and the manufacturer has discontinued manufacturing operations at this location.

2. **Revision XLIV Sl.No. 4 => M/s. Sirius Solar Energy Systems Pvt. Ltd. - Address Update**

Old Address:- PLOT NO.30 & 46, ALEAP INDUSTRIAL ESTATE, PRAGATHI NAGAR, GAJULARAMARAM, QUTUBULLAPUR MANDAL, Telangana, India - 500090

New Address:- PLOT NO: F33, SY.NO:70 & 174, IP SULTANPUR, PATANCHERU, SANGAREDDY- 502319, Telangana, India

Annexure-I

Revision- XLV

B. New additions on 22.12.2025 in the List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
1	M/s. Saatvik Solar Industries Private Limited (Capacity Addition)	Village Mohari, Tehisl-Shahabad, Markanda, Ambala Road District-Kurukshetra -136135, Haryana, India	R-91017981	3122	i	Bifacial N-Type TOPCon Modules (Glass to Glass)	SGE615-132TGG (615 Wp)	SGE600-132TGG	22.21	132 (Half Cut Cells)	1500	13.08.2025	12.08.2029
								SGE605-132TGG	22.40				
								SGE610-132TGG	22.58				
								SGE615-132TGG	22.77				
								SGE620-132TGG	22.95				
								SGE625-132TGG	23.14				
					ii	Bifacial N-Type TOPCon Modules (Glass to Glass)	SGE425-108TGG (425 Wp)	SGE410-108TGG	20.97	108 (Half Cut Cells)	1500		
								SGE415-108TGG	21.23				
								SGE420-108TGG	21.48				
								SGE425-108TGG	21.74				
								SGE430-108TGG	21.99				
								SGE435-108TGG	22.25				
								SGE440-108TGG	22.51				
					iii	Bifacial N-Type TOPCon Modules (Glass to Glass)	SGE475-120TGG (475 Wp)	SGE460-120TGG	21.22	120 (Half Cut Cells)	1500		
								SGE465-120TGG	21.45				
								SGE470-120TGG	21.68				
								SGE475-120TGG	21.91				
								SGE480-120TGG	22.14				
								SGE485-120TGG	22.37				
								SGE490-120TGG	22.60				
					iv	Bifacial N-Type TOPCon Modules (Glass to Glass)	SGE520-132TGG (520 Wp)	SGE510-132TGG	21.46	132 (Half Cut Cells)	1500		
								SGE515-132TGG	21.67				
								SGE520-132TGG	21.88				
								SGE525-132TGG	22.09				
								SGE530-132TGG	22.30				
								SGE535-132TGG	22.51				
					v	Bifacial N-Type TOPCon Modules (Glass to Glass)	SGE580-144TGG (580 Wp)	SGE560-144TGG	21.68	144 (Half Cut Cells)	1500		
								SGE565-144TGG	21.87				
								SGE570-144TGG	22.07				
								SGE575-144TGG	22.26				
								SGE580-144TGG	22.45				
								SGE585-144TGG	22.65				
								SGE590-144TGG	22.84				
								SGE595-144TGG	23.03				
								SGE600-144TGG	23.23				
					vi	Bifacial N-Type TOPCon Modules (Glass to Glass)	SGE615-156TGG (615 Wp)	SGE600-156TGG	21.47	156 (Half Cut Cells)	1500		
								SGE605-156TGG	21.65				
								SGE610-156TGG	21.83				
								SGE615-156TGG	22.01				
								SGE620-156TGG	22.19				
								SGE625-156TGG	22.37				
								SGE630-156TGG	22.55				
2	M/s MKU Holdings Private Limited (Model Addition + Capacity Addition)	DTA-02, PLOT-16-17-20-21, AJMER ROAD, BAGRU, MAHINDRAWORLD CITY SEZ, SANGANER, JAIPUR, RAJASTHAN, 302039 RAJASTHAN,India-302039	R-84005282	1247	i	Bifacial N-Type TOPCon Module (Glass to Glass)	ACM-HD144N-600 (600 Wp)	ACM-HD144N-600	23.23	144 (Half Cut, Cells size 182.2 x 91.87 mm)	1500	27.03.2025	26.03.2029
								ACM-HD144N-595	23.03				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
3	M/s. Macwin Solar Energy Private Limited (New Addition in ALMM)	Block No-462, Near Kanhya showroom, Bhat Gam, Olpad, Olpad-Vadoli Road Surat - 394540, Gujarat, India	R-72012343	405	i	Bifacial N-Type TOPCon Module (Glass To Transparent Backsheet)	MSE_560 (560 Wp)	MSE_535	20.71	144 (Half Cut Cell)	1500	22.12.2025	21.12.2029
								MSE_540	20.90				
								MSE_545	21.10				
								MSE_550	21.29				
								MSE_555	21.48				
								MSE_560	21.68				
								MSE_565	21.87				
								MSE_570	22.07				
								MSE_575	22.26				
								MSE_580	22.45				
					ii	Bifacial N-Type TOPCon Module (Glass To Transparent Backsheet)	MSE_515 (515 Wp)	MSE_500	21.08	132 (Half Cut Cell)	1500		
								MSE_505	21.29				
								MSE_510	21.50				
								MSE_515	21.71				
								MSE_520	21.92				
								MSE_525	22.13				
								MSE_530	22.34				
					iii	Bifacial N-Type TOPCon Module (Glass To Transparent Backsheet)	MSE_480 (480 Wp)	MSE_460	21.26	120 (Half Cut Cell)	1500		
								MSE_465	21.49				
								MSE_470	21.72				
								MSE_475	21.95				
								MSE_480	22.18				
								MSE_485	22.42				
								MSE_490	22.65				
								MSE_495	22.88				
					iv	Bifacial N-Type TOPCon Module (Glass To Transparent Backsheet)	MSE_405 (405 Wp)	MSE_405	20.74	108 (Half Cut Cell)	1500		
					v	Bifacial N-Type TOPCon Module (Glass To Transparent Backsheet)	MSE_430 (430 Wp)	MSE_410	21.00	108 (Half Cut Cell)	1500		
								MSE_415	21.25				
								MSE_420	21.51				
								MSE_425	21.76				
								MSE_430	22.02				
								MSE_435	22.28				
								MSE_440	22.53				
								MSE_445	22.79				
								MSE_450	23.04				
					vi	Bifacial N-Type TOPCon Module (Glass To Transparent Backsheet)	MSE_355 (355 Wp)	MSE_355	20.35	96 (Half Cut Cell)	1500		
					vii	Bifacial N-Type TOPCon Module (Glass To Transparent Backsheet)	MSE_375 (375 Wp)	MSE_360	20.64	96 (Half Cut Cell)	1500		
								MSE_365	20.93				
								MSE_370	21.21				
								MSE_375	21.50				
								MSE_380	21.79				
								MSE_385	22.07				
								MSE_390	22.36				
					viii	Bifacial N-Type TOPCon Module	MSE_330 (330 Wp)	MSE_320	20.87	84 (Half Cut Cell)	1500		
								MSE_325	21.20				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
						(Glass To Transparent Backsheet)		MSE_330	21.52				
								MSE_335	21.85				
								MSE_340	22.18				
								MSE_345	22.50				
					ix	Bifacial N-Type TOPCon Module (Glass To Transparent Backsheet)	MSE_280 (280 Wp)	MSE_270	20.38	72 (Half Cut Cell)	1500		
								MSE_275	20.76				
								MSE_280	21.14				
								MSE_285	21.52				
								MSE_290	21.89				
4	M/s. Waaree Energies Limited (Model Addition + Capacity Addition)	Survey No. 1934, 1939, 1941, 1942, NH-48, Degam, Chikhali, Navsari, Gujarat,India - 396530	R-72005533	16444	i	Bifacial Hetero-junction Monocrystaline Silicon (HJT) Module (Glass to Glass)	BiH-11-715 (715 Wp)	BiH-11-700	22.53	132 (Half Cut Cells) (Cell Size: 210 mm * 105 mm)	1500	18.08.2024	17.08.2028
								BiH-11-705	22.70				
								BiH-11-710	22.86				
								BiH-11-715	23.02				
								BiH-11-720	23.18				
								BiH-11-725	23.34				
								BiH-11-730	23.50				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	BiN-03-695 (695 Wp)	BiN-03-680	21.89	132 (Half Cut Cells) (Cell Size: 210 mm * 105 mm)	1500		
								BiN-03-685	22.05				
								BiN-03-690	22.21				
								BiN-03-695	22.37				
								BiN-03-700	22.53				
								BiN-03-705	22.70				
								BiN-03-710	22.86				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	BiN-21-620 (620 Wp)	BiN-21-600	22.21	132 (Half Cut Cells) (Cell Size: 105 mm * 182.3 mm)	1500		
								BiN-21-605	22.40				
								BiN-21-610	22.58				
								BiN-21-615	22.77				
								BiN-21-620	22.95				
								BiN-21-625	23.14				
								BiN-21-630	23.32				
								BiN-21-635	23.51				
					iv	Mono c-Si PERC Module (Glass to Backsheet)	WSM-130 (130 Wp)	WSM-130	19.09	36 (Half Cut Cells)(Cell Size: 91.1 mm * 182.2 mm)	1000		
					v	Mono c-Si PERC Module (Glass to Backsheet)	WSM-120 (120 Wp)	WSM-120	19.68	32 (Half Cut Cells)(Cell Size: 91.1 mm * 182.2 mm)	1000		
5	M/s EASTMAN GREEN TECHNOLOGIES PRIVATE LIMITED (New Addition in ALMM)	KHASRA NO.55//2,3/1,PANCHI UJRAN,NEAR HAPPY CHILD INTERNATIONAL,GANAUR, SONIPAT, HARYANA-131101	R-91019879	374	i	Bifacial Mono c-Si PERC Module(Glass to Transparent Backsheet) (Glass to Glass)	EBP144HCGB525 (525 Wp) (525 Wp)	EBP144HCGB550	21.29	144 (Half Cut Cells)	1500	22.12.2025	21.12.2029
								EBP144HCGB545	21.10				
								EBP144HCGB540	20.90				
								EBP144HCGB535	20.71				
								EBP144HCGB530	20.52				
								EBP144HCGB525	20.32				
								EBP144HCGB520	20.13				
								EBP144HCGB515	19.94				
								EBP144HCGB510	19.74				
								EBP144HCGB505	19.55				
								EBP144HCGB500	19.36				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					ii	Bifacial Mono c-Si PERC Module(Glass to Transparent Backsheet)	EBP144HCGB495 (495 Wp)	EBP144HCGB495	19.16	144 (Half Cut Cells)	1500		
					iii	Bifacial Mono c-Si PERC Module(Glass to Transparent Backsheet)	EBP132HCGB470 (470 Wp)	EBP132HCGB490	20.65	132 (Half Cut Cells)	1500		
								EBP132HCGB485	20.44				
								EBP132HCGB480	20.33				
								EBP132HCGB475	20.02				
								EBP132HCGB470	19.81				
								EBP132HCGB465	19.60				
								EBP132HCGB460	19.39				
					iv	Bifacial Mono c-Si PERC Module(Glass to Transparent Backsheet)	EBP120HCGB425 (425 Wp)	EBP120HCGB440	20.34	120 (Half Cut Cells)	1500		
								EBP120HCGB435	20.10				
								EBP120HCGB430	19.87				
								EBP120HCGB425	19.64				
								EBP120HCGB420	19.41				
								EBP120HCGB415	19.18				
					v	Bifacial Mono c-Si PERC Module(Glass to Transparent Backsheet)	EBP108HCGB385 (385 Wp)	EBP108HCGB400	20.48	108 (Half Cut Cells)	1500		
								EBP108HCGB390	19.97				
								EBP108HCGB385	19.72				
								EBP108HCGB380	19.46				
								EBP108HCGB375	19.20				
					vi	Bifacial Mono c-Si PERC Module(Glass to Transparent Backsheet)	EBP96HCGB345 (345 Wp)	EBP96HCGB360	20.64	96 (Half Cut Cells)	1500		
								EBP96HCGB355	20.35				
								EBP96HCGB350	20.07				
								EBP96HCGB345	19.78				
								EBP96HCGB340	19.49				
								EBP96HCGB335	19.21				
					vii	Bifacial N-Type TOPCon Module (Glass to Glass)	ETC156HCGG630 (630 Wp)	ETC156HCGG650	23.24	156 (Half Cut Cells)	1500		
								ETC156HCGG645	23.07				
								ETC156HCGG640	22.89				
								ETC156HCGG635	22.71				
								ETC156HCGG630	22.53				
								ETC156HCGG625	22.35				
								ETC156HCGG620	22.17				
								ETC156HCGG615	21.99				
								ETC156HCGG610	21.81				
								ETC156HCGG605	21.63				
					viiii	Bifacial N-Type TOPCon Module (Glass to Glass)	ETC144HCGG575 (575 Wp)	ETC144HCGG600	23.23	144 (Half Cut Cells)	1500		
								ETC144HCGG595	23.03				
								ETC144HCGG590	22.84				
								ETC144HCGG585	22.65				
								ETC144HCGG580	22.45				
								ETC144HCGG575	22.26				
								ETC144HCGG570	22.07				
								ETC144HCGG565	21.87				
								ETC144HCGG560	21.68				
								ETC144HCGG555	21.48				
								ETC144HCGG550	21.29				
					ix	Bifacial N-Type	ETC144HCGG540 (540	ETC144HCGG545	21.10	144 (Half Cut Cells)	1500		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
						TOPCon Module (Glass to Glass)	Wp)	ETC144HCGG540	20.90				
					x	Bifacial N-Type TOPCon Module (Glass to Glass)	ETC132HCGG510 (510 Wp)	ETC132HCGG535	22.55	132 (Half Cut Cells)	1500		
								ETC132HCGG530	22.34				
								ETC132HCGG525	22.13				
								ETC132HCGG520	21.92				
								ETC132HCGG515	21.71				
								ETC132HCGG510	21.50				
								ETC132HCGG505	21.29				
								ETC132HCGG500	21.08				
								ETC132HCGG495	20.87				
								ETC132HCGG490	20.65				
					xi	Bifacial N-Type TOPCon Module (Glass to Glass)	ETC120HCGG465 (465 Wp)	ETC120HCGG485	22.42	120 (Half Cut Cells)	1500		
								ETC120HCGG480	22.18				
								ETC120HCGG475	21.95				
								ETC120HCGG470	21.72				
								ETC120HCGG465	21.49				
								ETC120HCGG460	21.26				
								ETC120HCGG450	20.80				
								ETC120HCGG445	20.57				
					xii	Bifacial N-Type TOPCon Module (Glass to Glass)	ETC120HCGG440 (440 Wp)	ETC120HCGG440	20.34	120 (Half Cut Cells)	1500		
					xiii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	ETC156HCGB630 (630 Wp)	ETC156HCGB650	23.24	156 (Half Cut Cells)	1500		
								ETC156HCGB645	23.07				
								ETC156HCGB640	22.89				
								ETC156HCGB635	22.71				
								ETC156HCGB630	22.53				
								ETC156HCGB625	22.35				
								ETC156HCGB620	22.17				
								ETC156HCGB615	21.99				
								ETC156HCGB610	21.81				
								ETC156HCGB605	21.63				
					xiv	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	ETC144HCGB575 (575 Wp)	ETC144HCGB600	23.23	144 (Half Cut Cells)	1500		
								ETC144HCGB595	23.03				
								ETC144HCGB590	22.84				
								ETC144HCGB585	22.65				
								ETC144HCGB580	22.45				
								ETC144HCGB575	22.26				
								ETC144HCGB570	22.07				
								ETC144HCGB565	21.87				
								ETC144HCGB560	21.68				
								ETC144HCGB555	21.48				
								ETC144HCGB550	21.29				
					xv	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	ETC144HCGB540 (540 Wp)	ETC144HCGB545	21.10	144 (Half Cut Cells)	1500		
								ETC144HCGB540	20.90				
					xvi	Bifacial N-Type TOPCon Module (Glass to Transparent	ETC132HCGB510 (510 Wp)	ETC132HCGB535	22.55	132 (Half Cut Cells)	1500		
								ETC132HCGB530	22.34				
								ETC132HCGB525	22.13				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
						Backsheet)		ETC132HCGB520	21.92				
								ETC132HCGB515	21.71				
								ETC132HCGB510	21.50				
								ETC132HCGB505	21.29				
								ETC132HCGB500	21.08				
								ETC132HCGB495	20.87				
								ETC132HCGB490	20.65				
					xvii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	ETC120HCGB465 (465 Wp)	ETC120HCGB485	22.42	120 (Half Cut Cells)	1500		
								ETC120HCGB480	22.18				
								ETC120HCGB475	21.95				
								ETC120HCGB470	21.72				
								ETC120HCGB465	21.49				
								ETC120HCGB460	21.26				
								ETC120HCGB450	20.80				
								ETC120HCGB445	20.57				
					xviii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	ETC120HCGB440 (440 Wp)	ETC120HCGB440	20.34	120 (Half Cut Cells)	1500		
6	**M/s. Rayzon Solar Limited** **(New Addition in ALMM)**	**Block No.172/1, Sub Plot No. 02, B/S Eminent Paper Industries, Sava Mangrol, Surat - 394120, Gujarat, India.**	**R-72014702**	**5659**	i	Bifacial N-Type TOPCon Modules (Glass to Glass)	RS600144TGC-600 (600 Wp)	RS620144TGC	24.02	144 (Half Cut Cells)	1500	22.12.2025	21.12.2029
								RS615144TGC	23.83				
								RS610144TGC	23.63				
								RS605144TGC	23.44				
								RS600144TGC	23.25				
								RS595144TGC	23.05				
								RS590144TGC	22.86				
								RS585144TGC	22.67				
								RS580144TGC	22.47				
								RS575144TGC	22.28				
7	**M/s. Frontier Energy Private Limited** **(New Addition in ALMM)**	**B2 Kothur Logistic Park, TSIIC Industrial Development, Kothur B, TSSI Industrial Park, Hyderabad Ranga Reddy Telangana,India-509228**	**R-63005045**	**548**	i	Bifacial N-Type TOPCon Module (Glass to Glass)	FE156_620TG (620 Wp)	FE156_605TG	21.63	156 (Half Cut Cells)	1500	22.12.2025	21.12.2029
								FE156_610TG	21.81				
								FE156_615TG	21.99				
								FE156_620TG	22.17				
								FE156_625TG	22.35				
								FE156_630TG	22.53				
								FE156_635TG	22.71				
								FE156_640TG	22.89				
								FE156_645TG	23.07				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	FE144_565TG (565Wp)	FE144_540TG	20.90	144 (Half Cut Cells)	1500		
								FE144_545TG	21.10				
								FE144_550TG	21.29				
								FE144_555TG	21.48				
								FE144_560TG	21.68				
								FE144_565TG	21.87				
								FE144_570TG	22.07				
								FE144_575TG	22.26				
								FE144_580TG	22.45				
								FE144_585TG	22.65				
								FE144_590TG	22.84				
					iii	Bifacial N-Type TOPCon Module	FE132_515TG (515Wp)	FE132_490TG	20.65	132 (Half Cut Cells)	1500		
								FE132_495TG	20.87				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
						(Glass to Glass)		FE132_500TG	21.08				
								FE132_505TG	21.29				
								FE132_510TG	21.50				
								FE132_515TG	21.71				
								FE132_520TG	21.92				
								FE132_525TG	22.13				
								FE132_530TG	22.34				
								FE132_535TG	22.55				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	FE120_465TG (465Wp)	FE120_445TG	20.57	120 (Half Cut Cells)	1500		
								FE120_450TG	20.80				
								FE120_460TG	21.26				
								FE120_465TG	21.49				
								FE120_470TG	21.72				
								FE120_475TG	21.95				
								FE120_480TG	22.18				
								FE120_485TG	22.42				
8	M/s ZNSHINE SOLARWORLD PRIVATE LIMITED (New Additiomn in ALMM)	KH. NO. 132, 137, 138, 139M & 147, VARDHMAN INDUSTRIAL ESTATE, VILLAGE BAHADARPUR SAINI, NEAR PATANJALI YOGPEETH, TEH: ROORKEE, HARIDWAR, UTTARAKHAND,India-249401	R-83012947	1552	i	Bifacial N-Type TOPCon Module (Glass to Glass)	SW-DG156THC-625W (625 Wp)	SW-DG156THC-645W	23.07	156 (Half Cut Cells) 182.2 mm X 91.875 mm	1500	22.12.2025	21.12.2029
								SW-DG156THC-640W	22.90				
								SW-DG156THC-635W	22.72				
								SW-DG156THC-630W	22.54				
								SW-DG156THC-625W	22.36				
								SW-DG156THC-620W	22.18				
								SW-DG156THC-615W	22.00				
								SW-DG156THC-610W	21.82				
								SW-DG156THC-605W	21.64				
								SW-DG156THC-600W	21.46				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	SW-DG144THC-585W (585 Wp)	SW-DG144THC-600W	23.23	144 (Half Cut cells) 182.2 mm X 91.875 mm	1500		
								SW-DG144THC-595W	23.03				
								SW-DG144THC-590W	22.84				
								SW-DG144THC-585W	22.65				
								SW-DG144THC-580W	22.45				
								SW-DG144THC-575W	22.26				
								SW-DG144THC-570W	22.07				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	SW-DG132THC-685W (685 Wp)	SW-DG132THC-715W	23.02	132 (Half Cut cells) 210 mm X 105 mm	1500		
								SW-DG132THC-710W	22.86				
								SW-DG132THC-705W	22.70				
								SW-DG132THC-700W	22.53				
								SW-DG132THC-695W	22.37				
								SW-DG132THC-690W	22.21				
								SW-DG132THC-685W	22.05				
								SW-DG132THC-680W	21.89				
								SW-DG132THC-675W	21.73				
								SW-DG132THC-670W	21.57				
								SW-DG132THC-665W	21.41				
								SW-DG132THC-660W	21.25				
								SW-DG132THC-655W	21.09				
								SW-DG132THC-650W	20.92				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	SW-DG132THC-610W (610 Wp)	SW-DG132THC-640W	23.69	132 (Half Cut cells) 182.3 mm X 105 mm	1500		
								SW-DG132THC-635W	23.51				
								SW-DG132THC-630W	23.32				
								SW-DG132THC-625W	23.14				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								SW-DG132THC-620W	22.95				
								SW-DG132THC-615W	22.77				
								SW-DG132THC-610W	22.58				
								SW-DG132THC-605W	22.40				
								SW-DG132THC-600W	22.21				
								SW-DG132THC-595W	22.03				
								SW-DG132THC-590W	21.84				
								SW-DG132THC-585W	21.66				
								SW-DG132THC-580W	21.47				
9	M/s Goldi Sun Private Limited (New Addition in ALMM)	BLOCK/ SURVEY NO 252/P2, CITY SURVEY NO NA251, NA248/P2, NA246,NA250,NA249,NA241, NATIONAL HIGHWAY-48, TA, MANGROL, NA , GUJARAT, INDIA -394115	R-72014966	3384	i	Bifacial N-Type TOPCon Module (Glass to Glass)	LR8-GS-66HGD-630 (630 Wp)	LR8-GS-66HGD-600	22.40	132 (Half Cut Cells)	1500	22.12.2025	21.12.2029
								LR8-GS-66HGD-605	22.40				
								LR8-GS-66HGD-610	22.58				
								LR8-GS-66HGD-615	22.77				
								LR8-GS-66HGD-620	22.95				
								LR8-GS-66HGD-625	23.14				
								LR8-GS-66HGD-630	23.32				
								LR8-GS-66HGD-635	23.51				
10	M/s Fujiyama Power Systems Limited (Formerly Fujiyama Power Systems Private Limited) (Model Addition)	51,52,SECTOR-ECOTECH-1,ECOTECH EXTN-1,GREATER NOIDA,GAUTAM BUDDHA NAGAR,UTTAR PRADESH, India 201310	R-93037940	355	i	Bifacial N-Type TOPCon Module (Glass to Glass)	FPS590-144GT (590 Wp)	FPS590-144GT	22.87	144 (Half Cut Cells)	1500	21.04.2025	20.04.2029
								FPS585-144GT	22.68				
								FPS580-144GT	22.48				
								FPS575-144GT	22.29				
								FPS570-144GT	22.09				
								FPS560-144GT	21.71				
								FPS550-144GT	21.32				
					ii	Bifacial N-Type TOPCon Module (Glass to Backsheet)	FPS590-144BT (590 Wp)	FPS590-144BT	22.87	144 (Half Cut Cells)	1500		
								FPS585-144BT	22.68				
								FPS580-144BT	22.48				
								FPS575-144BT	22.29				
								FPS570-144BT	22.09				
								FPS560-144BT	21.71				
								FPS555-144BT	21.51				
								FPS550-144BT	21.32				
					iii	Bifacial N-Type TOPCon Module (Glass to Backsheet)	FPS525-132BT (525 Wp)	FPS525-132BT	21.91	132 (Half Cut Cells)	1500		
			R-93022209		iv	Bifacial N-Type TOPCon Module (Glass to Backsheet)	UTL510-132BT (510 Wp)	UTL490-132BT	20.66	132 (Half Cut Cells)	1500		
								UTL495-132BT	20.87				
								UTL500-132BT	21.08				
								UTL510-132BT	21.51				
								UTL515-132BT	21.72				
								UTL520-132BT	21.93				
					v	Bifacial N-Type TOPCon Module (Glass to Backsheet)	UTL540-132BT (540 Wp)	UTL530-132BT	22.35	132 (Half Cut Cells)	1500		
								UTL535-132BT	22.56				
								UTL540-132BT	22.77				
								UTL545-132BT	22.98				
								UTL550-132BT	23.19				
								UTL555-132BT	23.40				
								UTL560-132BT	23.62				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
11	M/s Waaree Energies Limited (Model Addition)	SURVEY NO. 38/1,TUMB VILLAGE, UMBERGAON TALUKA, VALSAD, GUJARAT, India, 396150	R-72002038	1095	i	Bifacial Mono c-Si PERC Module (Glass to Glass)	Bi-62-490 (490 Wp)	Bi-62-480	20.28	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								Bi-62-485	20.49				
								Bi-62-490	20.70				
								Bi-62-495	20.91				
								Bi-62-500	21.13				
12	M/s GREEN VALLEY MOTORS (New Addition in ALMM)	10, LILUAH, BELUR ROAD, HOWRAH, WEST BENGAL-711204, India	R-51003239	34	i	N- Type TOPCon Module (Glass to Transparent Backsheet)	GVM156TB-605 (605 Wp)	GVM156TB-630	22.53	156 (Half Cut Cells)	1500	22.12.2025	21.12.2029
								GVM156TB-625	22.35				
								GVM156TB-620	22.17				
								GVM156TB-615	21.99				
								GVM156TB-610	21.81				
								GVM156TB-605	21.63				
								GVM156TB-600	21.46				
								GVM156TB-595	21.28				
								GVM156TB-590	21.10				
								GVM156TB-585	20.92				
								GVM156TB-580	20.74				
								GVM156TB-575	20.56				
					ii	N- Type TOPCon Module (Glass to Transparent Backsheet)	GVM144TB-545 (545 Wp)	GVM144TB-570	22.07	144 (Half Cut Cells)	1500		
								GVM144TB-565	21.87				
								GVM144TB-560	21.68				
								GVM144TB-555	21.48				
								GVM144TB-550	21.29				
								GVM144TB-545	21.10				
								GVM144TB-540	20.90				
								GVM144TB-535	20.71				
								GVM144TB-530	20.52				
								GVM144TB-525	20.32				
								GVM144TB-520	20.13				
					iii	N- Type TOPCon Module (Glass to Transparent Backsheet)	GVM132TB-490 (490 WP)	GVM132TB-510	21.48	132 (Half Cut Cells)	1500		
								GVM132TB-500	21.06				
								GVM132TB-495	20.85				
								GVM132TB-490	20.64				
								GVM132TB-480	20.21				
								GVM132TB-475	20.00				
								GVM132TB-470	19.79				
								GVM132TB-465	19.58				
					iv	N- Type TOPCon Module (Glass to Transparent Backsheet)	GVM120TB-435 (435 Wp)	GVM120TB-450	20.79	120 (Half Cut Cells)	1500		
								GVM120TB-445	20.56				
								GVM120TB-440	20.33				
								GVM120TB-435	20.09				
								GVM120TB-430	19.86				
								GVM120TB-425	19.63				
								GVM120TB-420	19.40				
								GVM120TB-415	19.17				
					v	N- Type TOPCon Module (Glass to Transparent Backsheet)	GVM108TB-390 (390 Wp)	GVM108TB-405	20.74	108 (Half Cut Cells)	1500		
								GVM108TB-400	20.48				
								GVM108TB-395	20.23				
								GVM108TB-390	19.97				
								GVM108TB-385	19.72				
								GVM108TB-375	19.20				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
13	M/s INOX SOLAR LIMITED (New Addition in ALMM)	B500, BHAYALA, BAVLA TALUKA, KERALA GIDC, AHMEDABAD, GUJARAT-382240	R-72015016	1274	i	N-Type TOPCon Module (Glass to Transparent Backsheet)	ISL 156 NM10R 620 (620 Wp)	ISL 156 NM10R 610	21.82	156 (Half Cut Cells)	1500	22.12.2025	21.12.2029
								ISL 156 NM10R 615	22.00				
								ISL 156 NM10R 620	22.18				
								ISL 156 NM10R 625	22.36				
								ISL 156 NM10R 630	22.54				
								ISL 156 NM10R 635	22.72				
								ISL 156 NM10R 640	22.90				
								ISL 156 NM10R 645	23.07				
14	M/s Australian Premium Solar (India) Ltd (Model Addition + Capacity Addition)	Tajpur, NH-08, TA:Prantij, Dist.: Sabarkantha, GUJARAT,India-383205	R-72001791	622	i	N-Type TOPCon Module	APSTM-425/108 (425 Wp)	APSTM-405/108	20.74	108 (Half Cut Cells)	1500	01.09.2023	31.08.2027
								APSTM-410/108	21.00				
								APSTM-415/108	21.25				
								APSTM-420/108	21.51				
								APSTM-425/108	21.76				
								APSTM-430/108	22.02				
								APSTM-435/108	22.28				
								APSTM-440/108	22.53				
					ii	N-Type TOPCon Module	APSTM-460/120 (460 Wp)	APSTM-445/120	20.57	120 (Half Cut Cells)	1500		
								APSTM-450/120	20.80				
								APSTM-455/120	21.03				
								APSTM-460/120	21.26				
								APSTM-465/120	21.49				
								APSTM-470/120	21.72				
								APSTM-475/120	21.95				
					iii	N-Type TOPCon Module	APSTM-485/120 (485 Wp)	APSTM-480/120	22.18	120 (Half Cut Cells)	1500		
								APSTM-485/120	22.42				
								APSTM-490/120	22.65				
					iv	N-Type TOPCon Module	APSTM-515/132 (515 Wp)	APSTM-495/132	20.86	132 (Half Cut Cells)	1500		
								APSTM-500/132	21.07				
								APSTM-505/132	21.28				
								APSTM-510/132	21.49				
								APSTM-515/132	21.70				
								APSTM-520/132	21.91				
								APSTM-525/132	22.12				
								APSTM-530/132	22.33				
								APSTM-535/132	22.54				
								APSTM-540/132	22.75				
					v	N-Type TOPCon Module	APSTM-565/144 (565 Wp)	APSTM-545/144	21.10	144 (Half Cut Cells)	1500		
								APSTM-550/144	21.29				
								APSTM-555/144	21.48				
								APSTM-560/144	21.68				
								APSTM-565/144	21.87				
								APSTM-570/144	22.07				
								APSTM-575/144	22.26				
								APSTM-580/144	22.45				
15	M/s. SAEL SOLAR MFG. PRIVATE LIMITED (Model Addition + Capacity Addition)	VILLAGE HUKUMAT SINGH WALA, FEROZEPUR MOGA ROAD, FEROZEPUR,PUNJAB , FEROZEPUR-142052, India	R-97001058	220	i	N-Type TOPCon Module	SL144GTG-600 T (600 Wp)	SL144GTG-595 T	23.06	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SL144GTG-600 T	23.26				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
16	**M/s. Insolation Green Energy Private Limited** **(Model Addition + Capacity Addition)**	**Khasra No. 4205/3454, 4207/3460, 3447-3452, 4383/3458, 3488 -3498,3500 -3509, 3511, Village - Sawarda Teh - Mauzamabad - 303348, Dudu, Rajasthan,India**	**R-84005622**	**2791**	i	Bifacial N-Type TOPCon Module (Glass to Glass)	INA132T210RGGF615 (615 Wp)	INA132T210RGGF635	23.51	132 (Half Cut Cells)	1500	13.10.2025	12.10.2029
								INA132T210RGGF630	23.32				
								INA132T210RGGF625	23.14				
								INA132T210RGGF620	22.95				
								INA132T210RGGF615	22.77				
								INA132T210RGGF610	22.58				
								INA132T210RGGF605	22.40				
								INA132T210RGGF600	22.21				
Note: In case of model inclusion or capacity addition / change, through revision in ALMM List, the capacity mentioned against any manufacturing unit, as appearing in the said Revision to the ALMM List, shall be the ALMM enlisted manufacturing capacity for that manufacturing unit (from the date of the said revision), and the capacity enlisted for that manufacturing unit should not be interpreted as Sum of (enlisted capacity for that manufacturing unit in previous ALMM list/ previous revision to ALMM List) and (enlisted capacity in the present revision)													

F. No. 283/41/2024-GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय / Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003.
Dated: 25th November 2025

OFFICE MEMORANDUM

Sub: Updation of List I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 – Reg.

Ref: (i) MNRE's O.M. No. 283/54/2018-GRID SOLAR–Part(1) dated 10.03.2021
(ii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 10.05.2023;
(iii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 22.03.2024;
(iv) MNRE's O.M. No. 32/33/2024-SPV Division dated 06.05.2025;

Reference is invited to this Ministry's O.M.s of even no. dated 10.03.2021, regarding implementation of Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirement for Compulsory Registration) Order, 2019 and publishing List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019.

2. This Ministry vide its O.M.s referred at (ii), (iii) & (iv) above, inter-alia, directed that only such models of Solar PV Module Manufacturers will be enlisted under ALMM, which comply with the BIS Standards and are having the following minimum module efficiency:

Category	**Application/Use**	**Minimum Module Efficiency required to be eligible for enlistment in ALMM for solar PV modules**	
		For c-Si technology based solar PV modules	**For CdTe thin film technology based solar PV modules**
Category-I	Utility/Grid Scale Power Plants	20.00%	19.00%
Category-II	Rooftop and Solar Pumping	19.50%	18.50%
Category-III	Off-grid projects/applications like solar lamps, solar lights, solar street lights, solar fans, etc. (other than solar powered agricultural pumps and solar PV rooftops) requiring individual capacity of each solar PV module deployed, to be of less than 200 Watt peak	18.00%	18.00%
		(not to be included in main ALMM List-I but to be included in a separate ALMM list called ALMM List-I (DRE)	
Category-IV	Any other application	19.00%	18.00%

3. Post the aforesaid O.M. dated 10.05.2023 and subsequent O.M.s dated 22.03.2024 and 06.05.2025, only such models of Solar PV Modules have been considered for enlistment under ALMM List-I, whose module efficiency is meeting the eligibility criteria as mentioned in table at para-2 above.

4. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 was last updated on 13.10.2025.

5. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 is hereby further revised and the Revision-XLIV *(in the format of additions / modifications to Revision-XLIII)* is enclosed at Annexure-I. The last revision no. XLIII dated 13.10.2025 is at pages after Annexure-I.

6. The ALMM enlistment validity is subject to valid BIS Registration; else deemed to be delisted.

7. The details of Registration No. (R. No.) which has been allotted by BIS is mentioned against each manufacturer / manufacturing unit enlisted in ALMM and further details related to BIS certification like validity, models included, etc. may be checked from BIS website by using the following link:
https://www.crsbis.in/BIS/Lims_registrationc.do?hmode=getLimsData

8. This issues with the approval of competent authority.

(Sanjay G. Karndhar)
Scientist-E
E-mail: karndhar.sg@nic.in

Encl: as above

To: All Concerned
Copy to: Director (Technical), NIC, MNRE for uploading this document on MNRE's website

Annexure-I
Revision-XLIV

New additions on 25.11.2025 in the List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
1	M/s. SAEL Solar P6 Private Limited (Model Addition)	Land Kh. No. 354/2, New Kh. No. 844/354, Village Patan, Tehsil Kishangarh, Ajmer - 305801, Rajasthan, India	R-84004898	2374	i	Bifacial N-Type TOPCon Module (Glass to Glass)	SL144GTG-585 T (585 Wp)	SL144GTG-585 T	22.68	144 (Half Cut Cells)	1500	14.10.2024	13.10.2028
								SL144GTG-590 T	22.87				
								SL144GTG-595 T	23.06				
								SL144GTG-600 T	23.26				
2	M/s. Matri Shree Techno Industries (Model Addition)	Dhauha Mirpur Chunar Mirzapur – 231305, Uttar Pradesh, India	R-93006483	49	i	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	GS 210M (210 Wp)	GS 210M	20.41	72 (Half Cut Cells)	1000	13.08.2025	12.08.2029
					ii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	GS 210M12 (210 Wp)	GS 210M12	20.41	72 (Half Cut Cells)	1000		
								GS 200M12	19.44				
3	M/s. Sahaj Solar Limited (Model Addition under Co-ALMM)	Co-ALMM with M/s. Cosmic PV Power Private Limited Manufacturing Address: Survey No. 1605/1, Block No. 2098/1/B, Tadkeshvar, Mandavi, Surat- 394170, Gujarat, India	R-72013617	25 (As per CoBranding Agreement)	ii	Bifacial N-Type TOPCon Module (Glass to Glass)	SS TOP-585 (585 Wp)	SS TOP-600	23.22	144 (Half Cut Cells)	1500	25.11.2025	23.06.2027
								SS TOP-595	23.03				
								SS TOP-590	22.86				
								SS TOP-585	22.67				
								SS TOP-580	22.47				
								SS TOP-575	22.28				
								SS TOP-570	22.08				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	SS TOP-535 (535 Wp)	SS TOP-550	22.91	132 (Half Cut Cells)	1500		
								SS TOP-545	22.82				
								SS TOP-540	22.74				
								SS TOP-535	22.53				
								SS TOP-530	22.32				
								SS TOP-525	22.10				
								SS TOP-520	21.90				
4	M/s. Sirius Solar Energy Systems Pvt Ltd (New Addition in ALMM)	PLOT NO: 30 & 46, ALEAP Industrial Estate, Pragathi Nagar, Gajularamaram, Qutubullapur Mandal, Telangana, India 500090	R-63002038	67	i	Mono c-Si PERC Module	SS144-530MH (530 Wp)	SS144-550MH	21.28	144 (Half Cut Cells)	1500	25.11.2025	24.11.2029
								SS144-545MH	21.09				
								SS144-540MH	20.89				
								SS144-535MH	20.70				
								SS144-530MH	20.51				
								SS144-525MH	20.70				
								SS144-520MH	20.12				
								SS144-515MH	19.93				
								SS144-510MH	19.73				
					ii	Mono c-Si PERC Module	SS132-490MH (490 Wp)	SS132-505MH	21.28	132 (Half Cut Cells)	1500		
								SS132-500MH	21.07				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								SS132-495MH	20.86				
								SS132-490MH	20.64				
								SS132-485MH	20.43				
								SS132-480MH	20.22				
								SS132-470MH	19.80				
					iii	Mono c-Si PERC Module	SS120-440MH (440 Wp)	SS120-460MH	21.26	120 (Half Cut Cells)	1500		
								SS120-450MH	20.80				
								SS120-440MH	20.34				
								SS120-430MH	19.87				
								SS120-420MH	19.41				
					iv	Mono c-Si PERC Module	SS108-400MH (400 Wp)	SS108-410MH	21.00	108 (Half Cut Cells)	1500		
								SS108-400MH	20.48				
								SS108-390MH	19.97				
								SS108-380MH	19.46				
					v	Mono c-Si PERC Module	SS96-350MH (350 Wp)	SS96-360MH	20.67	96 (Half Cut Cells)	1500		
								SS96-350MH	20.09				
								SS96-340MH	19.52				
					vi	Mono c-Si PERC Module	SS72-260MH (260 Wp)	SS72-270MH	19.84	72 (Half Cut Cells)	1500		
								SS72-260MH	19.11				
5	**M/s. Sova Solar Limited** **(Model Addition + Capacity Addition)**	**Layout Plot No: 25, E.P.I.P, Banskopa,Durgapur - 713212, West Bengal, India**	**R-51000590**	**1368**	i	Bifacial N-Type TOPCon Module (Glass to Glass)	SS595144HCGT (595 Wp)	SS600144HCGT	23.26	144 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								SS595144HCGT	23.06				
								SS590144HCGT	22.87				
								SS585144HCGT	22.68				
6	**M/s. Navitas Solar Private Limited** **(Model Addition + Capacity Addition)**	**371,371/B,372, 373/A/B, 374/A/B, 334/A, 375, 377, Sisodra, Ankleshwar - 394810, Gujarat, India**	**R-72011657**	**1142**	i	Bifacial N-Type TOPCon Module (Glass to Glass)	NSG BFT132-G12R-630 (630 Wp)	NSG BFT132-G12R-605	22.39	132 (Half Cut Cells) Cell Size: 182.2mm*105mm	1500	27.03.2025	26.03.2029
								NSG BFT132-G12R-610	22.58				
								NSG BFT132-G12R-615	22.76				
								NSG BFT132-G12R-620	22.95				
								NSG BFT132-G12R-625	23.13				
								NSG BFT132-G12R-630	23.32				
								NSG BFT132-G12R-635	23.50				
								NSG BFT132-G12R-640	23.69				
								NSG BFT132-G12R-645	23.87				
								NSG BFT132-G12R-650	24.06				
								NSG BFT132-G12R-655	24.24				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	NSG-BFT120-G12R-570 (570 Wp)	NSG-BFT120-G12R-550	22.33	120 (Half Cut Cells) Cell Size: 182.2mm*105mm	1500		
								NSG-BFT120-G12R-555	22.53				
								NSG-BFT120-G12R-560	22.74				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								NSG-BFT120-G12R-565	22.94				
								NSG-BFT120-G12R-570	23.14				
								NSG-BFT120-G12R-575	23.35				
								NSG-BFT120-G12R-580	23.55				
								NSG-BFT120-G12R-585	23.75				
								NSG BFT120-G12R-590	23.95				
								NSG-BFT120-G12R-595	24.16				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	NSG-BFT108-G12R 515 (515 Wp)	NSG-BFT108-G12R-495	22.27	108 (Half Cut Cells) Cell Size: 182.2mm*105mm	1500		
								NSG-BFT108-G12R-500	22.50				
								NSG-BFT108-G12R-505	22.72				
								NSG-BFT108-G12R-510	22.95				
								NSG-BFT108-G12R 515	23.17				
								NSG-BFT108-G12R-520	23.40				
								NSG-BFT108-G12R-525	23.62				
								NSG-BFT108-G12R-530	23.85				
								NSG-BFT108-G12R-535	24.07				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	NSG-BFT96-G12R-455 (455 Wp)	NSG-BFT96 G12R-440	22.20	96 (Half Cut Cells) Cell Size: 182.2mm*105mm	1500		
								NSG-BFT96-G12R-445	22.45				
								NSG-BFT96-G12R-450	22.70				
								NSG-BFT96-G12R-455	22.95				
								NSG-BFT96-G12R-460	23.21				
								NSG-BFT96-G12R-465	23.46				
								NSG-BFT96-G12R-470	23.71				
								NSG-BFT96-G12R-475	23.96				
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	NSG-BFT84-G12R-400 (400 Wp)	NSG-BFT84-G12R-385	22.09	84 (Half Cut Cells) Cell Size: 182.2mm*105mm	1500		
								NSG-BFT84-G12R-390	22.38				
								NSG-BFT84-G12R-395	22.66				
								NSG-BFT84-G12R-400	22.95				
								NSG-BFT84-G12R-405	23.24				
								NSG-BFT84-G12R-410	23.52				
								NSG-BFT84-G12R-415	23.81				
					vi	Bifacial N-Type TOPCon Module (Glass to Glass)	NSG-BFT72-G12R-340 (340 Wp)	NSG-BFT72 G12R-330	21.95	72 (Half Cut Cells) Cell Size: 182.2mm*105mm	1500		
								NSG-BFT72-G12R-335	22.28				
								NSG-BFT72-G12R-340	22.61				
								NSG-BFT72-G12R-345	22.94				
								NSG-BFT72-G12R-350	23.28				
								NSG-BFT72-G12R-355	23.61				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					vii	Bifacial N-Type TOPCon Module (Glass to Glass)	NSG-BFT60-G12R-285 (285Wp)	NSG-BFT60-G12R-275	21.75	60 (Half Cut Cells) Cell Size: 182.2mm*105mm	1500		
								NSG-BFT60-G12R-280	22.14				
								NSG-BFT60-G12R-285	22.54				
								NSG-BFT60-G12R-290	22.94				
								NSG-BFT60-G12R-295	23.33				
7	M/s. Avaada Electro Private Limited (Capacity Addition)	A-67, MIDC Road, Additional Butibori Industrial Area, Nagpur-441108, Maharashtra, India	R-71040312	6909	i	Bifacial N Type TOPCon Module (Glass to Glass)	AVN66G12G710 (710 Wp)	AVN66G12G720	23.18	132 (Half Cut Cells) (Cell Size: 210 mm * 105 mm)	1500	05.06.2025	04.06.2029
								AVN66G12G715	23.02				
								AVN66G12G710	22.86				
								AVN66G12G705	22.70				
								AVN66G12G700	22.53				
					ii	Bifacial N Type TOPCon Module (Glass to Glass)	AVN60G12G640 (640 Wp)	AVN60G12G650	22.97	120 (Half Cut Cells) (Cell Size: 210 mm * 105 mm)	1500		
								AVN60G12G645	22.79				
								AVN60G12G640	22.61				
								AVN60G12G635	22.44				
								AVN60G12G630	22.26				
					iii	Bifacial N Type TOPCon Module (Glass to Glass)	AVN66G12RG620 (620 Wp)	AVN66G12RG630	23.32	132 (Half Cut Cells) (Cell Size: 182 mm * 105 mm)	1500		
								AVN66G12RG625	23.14				
								AVN66G12RG620	22.95				
								AVN66G12RG615	22.77				
								AVN66G12RG610	22.58				
					iv	Bifacial N Type TOPCon Module (Glass to Glass)	AVN60G12RG560 (560 Wp)	AVN60G12RG570	23.14	120 (Half Cut Cells) (Cell Size: 182 mm * 105 mm)	1500		
								AVN60G12RG565	22.94				
								AVN60G12RG560	22.74				
								AVN60G12RG555	22.53				
								AVN60G12RG550	22.33				
8	M/s. Jeem Energy Private Limited (New Addition in ALMM)	Plot no 1 to 4, Sur No. 211, UKERDA Naknam road, Near Ramdoot Alloy Moviya, Paddhari Rajkot, Gujarat, India - 360110	R-72013773	172	i	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	JE-10MB-BF156-580 (580 Wp)	JE-10MB-BF156-600	21.46	156 (Half Cut Cells)	1500	25.11.2025	24.11.2029
								JE-10MB-BF156-595	21.28				
								JE-10MB-BF156-590	21.10				
								JE-10MB-BF156-585	20.92				
								JE-10MB-BF156-580	20.74				
								JE-10MB-BF156-575	20.56				
								JE-10MB-BF156-570	20.38				
								JE-10MB-BF156-565	20.20				
								JE-10MB-BF156-560	20.03				
					ii	Mono c-Si PERC Module	JE-10MB-MF156-580 (580 Wp)	JE-10MB-MF156-600	21.46	156 (Half Cut Cells)	1500		
								JE-10MB-MF156-595	21.28				
								JE-10MB-MF156-590	21.10				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								JE-10MB-MF156-585	20.92				
								JE-10MB-MF156-580	20.74				
								JE-10MB-MF156-575	20.56				
								JE-10MB-MF156-570	20.38				
								JE-10MB-MF156-565	20.20				
								JE-10MB-MF156-560	20.03				
					iii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	JE-10MB-BF144-535 (535 Wp)	JE-10MB-BF144-550	21.29	144 (Half Cut Cells)	1500		
								JE-10MB-BF144-545	21.10				
								JE-10MB-BF144-540	20.90				
								JE-10MB-BF144-535	20.71				
								JE-10MB-BF144-530	20.52				
								JE-10MB-BF144-525	20.32				
								JE-10MB-BF144-520	20.13				
					iv	Mono c-Si PERC Module	JE-10MB-MF144-535 (535 Wp)	JE-10MB-MF144-550	21.29	144 (Half Cut Cells)	1500		
								JE-10MB-MF144-545	21.10				
								JE-10MB-MF144-540	20.90				
								JE-10MB-MF144-535	20.71				
								JE-10MB-MF144-530	20.52				
								JE-10MB-MF144-525	20.32				
								JE-10MB-MF144-520	20.13				
					v	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	JE-10MB-BF132-490 (490 Wp)	JE-10MB-BF132-510	21.50	132 (Half Cut Cells)	1500		
								JE-10MB-BF132-505	21.29				
								JE-10MB-BF132-500	21.08				
								JE-10MB-BF132-495	20.87				
								JE-10MB-BF132-490	20.65				
								JE-10MB-BF132-485	20.44				
								JE-10MB-BF132-480	20.23				
								JE-10MB-BF132-475	20.02				
								JE-10MB-BF132-470	19.81				
					vi	Mono c-Si PERC Module	JE-10MB-MF132-490 (490 Wp)	JE-10MB-MF132-510	21.50	132 (Half Cut Cells)	1500		
								JE-10MB-MF132-505	21.29				
								JE-10MB-MF132-500	21.08				
								JE-10MB-MF132-495	20.87				
								JE-10MB-MF132-490	20.65				
								JE-10MB-MF132-485	20.44				
								JE-10MB-MF132-480	20.23				
								JE-10MB-MF132-475	20.02				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								JE-10MB-MF132-470	19.81				
					vii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	JE-10MB-BF120-440 (440 Wp)	JE-10MB-BF120-460	21.26	120 (Half Cut Cells)	1500		
								JE-10MB-BF120-455	21.03				
								JE-10MB-BF120-450	20.80				
								JE-10MB-BF120-445	20.57				
								JE-10MB-BF120-440	20.34				
								JE-10MB-BF120-435	20.10				
								JE-10MB-BF120-430	19.87				
								JE-10MB-BF120-425	19.64				
								JE-10MB-BF120-420	19.41				
					viii	Mono c-Si PERC Module	JE-10MB-MF120-440 (440 Wp)	JE-10MB-MF120-460	21.26	120 (Half Cut Cells)	1500		
								JE-10MB-MF120-455	21.03				
								JE-10MB-MF120-450	20.80				
								JE-10MB-MF120-445	20.57				
								JE-10MB-MF120-440	20.34				
								JE-10MB-MF120-435	20.10				
								JE-10MB-MF120-430	19.87				
								JE-10MB-MF120-425	19.64				
								JE-10MB-MF120-420	19.41				
					ix	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	JE-10MB-BF108-400 (400 Wp)	JE-10MB-BF108-415	21.15	108 (Half Cut Cells)	1500		
								JE-10MB-BF108-410	20.90				
								JE-10MB-BF108-405	20.64				
								JE-10MB-BF108-400	20.39				
								JE-10MB-BF108-395	20.13				
								JE-10MB-BF108-390	19.88				
								JE-10MB-BF108-385	19.62				
								JE-10MB-BF108-380	19.37				
					x	Mono c-Si PERC Module	JE-10MB-MF108-400 (400 Wp)	JE-10MB-MF108-415	21.15	108 (Half Cut Cells)	1500		
								JE-10MB-MF108-410	20.90				
								JE-10MB-MF108-405	20.64				
								JE-10MB-MF108-400	20.39				
								JE-10MB-MF108-395	20.13				
								JE-10MB-MF108-390	19.88				
								JE-10MB-MF108-385	19.62				
								JE-10MB-MF108-380	19.37				
					xi	Bifacial Mono c-Si PERC Module (Glass to Transparent	JE-10MB-BF72-270 (270 Wp)	JE-10MB-BF72-275	20.76	72 (Half Cut Cells)	1500		
								JE-10MB-BF72-270	20.38				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
						Backsheet)		JE-10MB-BF72-265	20.01				
					xii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	JE-10MB-BF72-255 (255 Wp)	JE-10MB-BF72-260	19.63	72 (Half Cut Cells)	1500		
								JE-10MB-BF72-255	19.25				
					xiii	Mono c-Si PERC Module	JE-10MB-MF72-270 (270 Wp)	JE-10MB-MF72-275	20.76	72 (Half Cut Cells)	1500		
								JE-10MB-MF72-270	20.38				
								JE-10MB-MF72-265	20.01				
					xiv	Mono c-Si PERC Module	JE-10MB-MF72-255 (255 Wp)	JE-10MB-MF72-260	19.63	72 (Half Cut Cells)	1500		
								JE-10MB-MF72-255	19.25				
					xv	Mono c-Si PERC Module	JE-10MB-MF36-135 (135 Wp)	JE-10MB-MF36-135	19.84	36 (Half Cut Cells)	1500		
								JE-10MB-MF36-130	19.11				
					xvi	Mono c-Si PERC Module	JE-10MB-MF36-125 (125 Wp)	JE-10MB-MF36-125	19.79	36 (Half Cut Cells)	1500		
								JE-10MB-MF36-120	19.00				
					xvii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	JE-10MB-BF36-135 (135 Wp)	JE-10MB-BF36-135	19.84	36 (Half Cut Cells)	1500		
								JE-10MB-BF36-130	19.11				
					xviii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	JE-10MB-BF36-125 (125 Wp)	JE-10MB-BF36-125	19.79	36 (Half Cut Cells)	1500		
								JE-10MB-BF36-120	19.00				
9	**M/s. FS Green Energies Private Limited** **(Capacity Addition)**	**Block No. 160 - 164, 168 Besides Act Agro Chem Pvt. Ltd., Juni Jithardi Road, Near Karjan Cross Road, NH - 8, Vadodara - 391240, Gujarat, India**	**R-72011258**	**5001**	i	Bifacial N-Type TOPCon Module (Glass to Glass)	FST-G12R.132G-620 (620 Wp)	FST-G12R.132G-600	22.19	132 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								FST-G12R.132G-605	22.38				
								FST-G12R.132G-610	22.56				
								FST-G12R.132G-615	22.75				
								FST-G12R.132G-620	22.93				
								FST-G12R.132G-625	23.12				
								FST-G12R.132G-630	23.30				
								FST-G12R.132G-635	23.49				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	FST-G12R.120G-560 (560 Wp)	FST-G12R.120G-545	22.13	120 (Half Cut Cells)	1500		
								FST-G12R.120G-550	22.33				
								FST-G12R.120G-555	22.53				
								FST-G12R.120G-560	22.74				
								FST-G12R.120G-565	22.94				
								FST-G12R.120G-570	23.14				
								FST-G12R.120G-575	23.35				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	FST-G12R.108G-505 (505 Wp)	FST-G12R.108G-485	21.82	108 (Half Cut Cells)	1500		
								FST-G12R.108G-490	22.05				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								FST-G12R.108G-495	22.27				
								FST-G12R.108G-500	22.50				
								FST-G12R.108G-505	22.72				
								FST-G12R.108G-510	22.95				
								FST-G12R.108G-515	23.17				
								FST-G12R.108G-520	23.40				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	FST-M10.156G-660 (660 Wp)	FST-M10. 156G-680	24.33	156 (Half Cut Cell)	1500		
								FST-M10. 156G-675	24.15				
								FST-M10. 156G-670	23.97				
								FST-M10. 156G-665	23.79				
								FST-M10. 156G-660	23.61				
								FST-M10. 156G-655	23.43				
								FST-M10. 156G-650	23.25				
								FST-M10. 156G-645	23.07				
								FST-M10. 156G-640	22.90				
								FST-M10. 156G-635	22.72				
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	FST-M10.144G-605 (605 Wp)	FST-M10. 144G-625	24.19	144 (Half Cut Cell)	1500		
								FST-M10. 144G-620	24.00				
								FST-M10. 144G-615	23.81				
								FST-M10. 144G-610	23.61				
								FST-M10. 144G-605	23.42				
								FST-M10. 144G-600	23.23				
								FST-M10. 144G-595	23.03				
								FST-M10. 144G-590	22.84				
								FST-M10. 144G-585	22.65				
					vi	Bifacial N-Type TOPCon Module (Glass to Glass)	FST-M10.132G-555 (555 Wp)	FST-M10. 132G-575	24.23	132 (Half Cut Cell)	1500		
								FST-M10. 132G-570	24.02				
								FST-M10. 132G-565	23.80				
								FST-M10. 132G-560	23.59				
								FST-M10. 132G-555	23.38				
								FST-M10. 132G-550	23.17				
								FST-M10. 132G-545	22.96				
								FST-M10. 132G-540	22.75				
								FST-M10. 132G-535	22.54				
					vii	Bifacial N-Type TOPCon Module (Glass to Glass)	FST-M10.120G-505 (505 Wp)	FST-M10. 120G-520	24.03	120 (Half Cut Cell)	1500		
								FST-M10. 120G-515	23.80				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								FST-M10. 120G-510	23.57				
								FST-M10. 120G-505	23.34				
								FST-M10. 120G-500	23.11				
								FST-M10. 120G-495	22.88				
								FST-M10. 120G-490	22.65				
								FST-M10. 120G-485	22.42				
					viii	Bifacial N-Type TOPCon Module (Glass to Glass)	FST-M10.108G-455 (455 Wp)	FST-M10. 108G-470	24.05	108 (Half Cut Cell)	1500		
								FST-M10. 108G-465	23.80				
								FST-M10. 108G-460	23.54				
								FST-M10. 108G-455	23.29				
								FST-M10. 108G-450	23.03				
								FST-M10. 108G-445	22.78				
								FST-M10. 108G-440	22.52				
					ix	Bifacial N-Type TOPCon Modules (Glass to Glass)	FST-M10.156G-620 (620 Wp)	FST-M10.156G-630	22.54	156 (Half Cut Cells)	1500		
								FST-M10.156G-625	22.36				
								FST-M10.156G-620	22.18				
								FST-M10.156G-615	22.00				
								FST-M10.156G-610	21.82				
					x	Bifacial N-Type TOPCon Modules (Glass to Glass)	FST-M10.144G-570 (570 Wp)	FST-M10.144G-580	22.45	144 (Half Cut Cells)	1500		
								FST-M10.144G-575	22.26				
								FST-M10.144G-570	22.07				
								FST-M10.144G-565	21.87				
								FST-M10.144G-560	21.68				
					xi	Bifacial N-Type TOPCon Modules (Glass to Glass)	FST-M10.132G-525 (525 Wp)	FST-M10.132G-530	22.33	132 (Half Cut Cells)	1500		
								FST-M10.132G-525	22.12				
								FST-M10.132G-520	21.91				
					xii	Bifacial N-Type TOPCon Modules (Glass to Glass)	FST-M10.120G-475 (475 Wp)	FST-M10.120G-480	22.18	120 (Half Cut Cells)	1500		
								FST-M10.120G-475	21.95				
								FST-M10.120G-470	21.72				
					xiii	Bifacial N-Type TOPCon Modules (Glass to Glass)	FST-M10.108G-430 (430 Wp)	FST-M10.108G-435	22.26	108 (Half Cut Cells)	1500		
								FST-M10.108G-430	22.01				
								FST-M10.108G-425	21.75				
								FST-M10.108G-420	21.50				
					xiv	Bifacial Mono c-Si PERC Module (Glass to Transparent Back sheet)	FSP-M10.156B-585 (585 Wp)	FSP-M10.156B-600	21.46	156 (Half Cut Cells)	1500		
								FSP-M10.156B-595	21.29				
								FSP-M10.156B-590	21.11				
								FSP-M10.156B-585	20.93				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								FSP-M10.156B-580	20.75				
								FSP-M10.156B-575	20.57				
								FSP-M10.156B-570	20.39				
								FSP-M10.156B-565	20.21				
								FSP-M10.156B-560	20.03				
					xv	Bifacial Mono c-Si PERC Module (Glass to Transparent Back sheet)	FSP-M10.144B-535 (535 Wp)	FSP-M10.144B-550	21.29	144 (Half Cut Cells)	1500		
								FSP-M10.144B-545	21.10				
								FSP-M10.144B-540	20.90				
								FSP-M10.144B-535	20.71				
								FSP-M10.144B-530	20.52				
								FSP-M10.144B-525	20.32				
								FSP-M10.144B-520	20.13				
					xvi	Bifacial Mono c-Si PERC Module (Glass to Transparent Back sheet)	FSP-M10.132B-495 (495 Wp)	FSP-M10.132B-505	21.28	132 (Half Cut Cells)	1500		
								FSP-M10.132B-500	21.07				
								FSP-M10.132B-495	20.86				
								FSP-M10.132B-490	20.64				
								FSP-M10.132B-485	20.43				
								FSP-M10.132B-480	20.22				
					xvii	Bifacial Mono c-Si PERC Module (Glass to Transparent Back sheet)	FSP-M10.120B-445 (445 Wp)	FSP-M10.120B-460	21.26	120 (Half Cut Cells)	1500		
								FSP-M10.120B-455	21.03				
								FSP-M10.120B-450	20.80				
								FSP-M10.120B-445	20.57				
								FSP-M10.120B-440	20.34				
								FSP-M10.120B-435	20.10				
								FSP-M10.120B-430	19.87				
					xviii	Bifacial Mono c-Si PERC Module (Glass to Transparent Back sheet)	FSP-M10.108B-405 (405 Wp)	FSP-M10.108B-415	21.24	108 (Half Cut Cells)	1500		
								FSP-M10.108B-410	20.98				
								FSP-M10.108B-405	20.73				
								FSP-M10.108B-400	20.47				
								FSP-M10.108B-395	20.22				
								FSP-M10.108B-390	19.96				
					xix	Mono c-Si PERC Module	FSP-M10.156W-580 (580 Wp)	FSP-M10.156W-600	21.46	156 (Half Cut Cells)	1500		
								FSP-M10.156W-595	21.29				
								FSP-M10.156W-590	21.11				
								FSP-M10.156W-585	20.93				
								FSP-M10.156W-580	20.75				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								FSP-M10.156W-575	20.57				
								FSP-M10.156W-570	20.39				
								FSP-M10.156W-565	20.21				
								FSP-M10.156W-560	20.03				
					xx	Mono c-Si PERC Module	FSP-M10.144W-535 (535 Wp)	FSP-M10.144W-550	21.29	144 (Half Cut Cells)	1500		
								FSP-M10.144W-545	21.10				
								FSP-M10.144W-540	20.90				
								FSP-M10.144W-535	20.71				
								FSP-M10.144W-530	20.52				
								FSP-M10.144W-525	20.32				
								FSP-M10.144W-520	20.13				
					xxi	Mono c-Si PERC Module	FSP-M10.132W-490 (490Wp)	FSP-M10.132W-505	21.28	132 (Half Cut Cells)	1500		
								FSP-M10.132W-500	21.07				
								FSP-M10.132W-495	20.86				
								FSP-M10.132W-490	20.64				
								FSP-M10.132W-485	20.43				
								FSP-M10.132W-480	20.22				
					xxii	Mono c-Si PERC Module	FSP-M10.120W-450 (450 Wp)	FSP-M10.120W-460	21.26	120 (Half Cut Cells)	1500		
								FSP-M10.120W-455	21.03				
								FSP-M10.120W-450	20.80				
								FSP-M10.120W-445	20.57				
								FSP-M10.120W-440	20.34				
								FSP-M10.120W-435	20.10				
								FSP-M10.120W-430	19.87				
					xxiii	Mono c-Si PERC Module	FSP-M10.108W-400 (400 Wp)	FSP-M10.108W-415	21.24	108 (Half Cut Cells)	1500		
								FSP-M10.108W-410	20.98				
								FSP-M10.108W-405	20.73				
								FSP-M10.108W-400	20.47				
								FSP-M10.108W-395	20.22				
								FSP-M10.108W-390	19.96				
					xxiv	Bifacial Mono c-Si PERC Module (Glass to Glass)	FSP-M10.144G-540 (540 Wp)	FSP-M10.144G-560	21.68	144 (Half Cut Cells)	1500		
								FSP-M10.144G-555	21.48				
								FSP-M10.144G-550	21.29				
								FSP-M10.144G-545	21.10				
								FSP-M10.144G-540	20.90				
								FSP-M10.144G-535	20.71				
								FSP-M10.144G-530	20.52				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								FSP-M10.144G-525	20.32				
								FSP-M10.144G-520	20.13				
					xxv	Bifacial Mono c-Si PERC Module (Glass to Glass)	FSP-M10.132G-490 (490 Wp)	FSP-M10.132G-505	21.28	132 (Half Cut Cells)	1500		
								FSP-M10.132G-500	21.07				
								FSP-M10.132G-495	20.86				
								FSP-M10.132G-490	20.64				
								FSP-M10.132G-485	20.43				
								FSP-M10.132G-480	20.22				
					xxvi	Bifacial Mono c-Si PERC Module (Glass to Glass)	FSP-M10.120G-445 (445 Wp)	FSP-M10.120G-460	21.26	120 (Half Cut Cells)	1500		
								FSP-M10.120G-455	21.03				
								FSP-M10.120G-450	20.80				
								FSP-M10.120G-445	20.57				
								FSP-M10.120G-440	20.34				
								FSP-M10.120G-435	20.10				
								FSP-M10.120G-430	19.87				
					xxvii	Bifacial Mono c-Si PERC Module (Glass to Glass)	FSP-M10.108G-405 (405 Wp)	FSP-M10.108G-415	21.24	108 (Half Cut Cells)	1500		
								FSP-M10.108G-410	20.98				
								FSP-M10.108G-405	20.73				
								FSP-M10.108G-400	20.47				
								FSP-M10.108G-395	20.22				
								FSP-M10.108G-390	19.96				

Note: In case of model inclusion or capacity addition / change, through revision in ALMM List, the capacity mentioned against any manufacturing unit, as appearing in the said Revision to the ALMM List, shall be the ALMM enlisted manufacturing capacity for that manufacturing unit (from the date of the said revision), and the capacity enlisted for that manufacturing unit should not be interpreted as Sum of (enlisted capacity for that manufacturing unit in previous ALMM list/ previous revision to ALMM List) and (enlisted capacity in the present revision)

F. No. 283/41/2024-GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय / Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003.
Dated: 13th October 2025

OFFICE MEMORANDUM

Sub: Updation of List I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 – Reg.

Ref: (i) MNRE's O.M. No. 283/54/2018-GRID SOLAR–Part(1) dated 10.03.2021
(ii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 10.05.2023;
(iii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 22.03.2024;
(iv) MNRE's O.M. No. 32/33/2024-SPV Division dated 06.05.2025;

Reference is invited to this Ministry's O.M.s of even no. dated 10.03.2021, regarding implementation of Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirement for Compulsory Registration) Order, 2019 and publishing List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019.

2. This Ministry vide its O.M.s referred at (ii), (iii) & (iv) above, inter-alia, directed that only such models of Solar PV Module Manufacturers will be enlisted under ALMM, which comply with the BIS Standards and are having the following minimum module efficiency:

Category	**Application/Use**	**Minimum Module Efficiency required to be eligible for enlistment in ALMM for solar PV modules**	
		For c-Si technology based solar PV modules	**For CdTe thin film technology based solar PV modules**
Category-I	Utility/Grid Scale Power Plants	20.00%	19.00%
Category-II	Rooftop and Solar Pumping	19.50%	18.50%
Category-III	Off-grid projects/applications like solar lamps, solar lights, solar street lights, solar fans, etc. (other than solar powered agricultural pumps and solar PV rooftops) requiring individual capacity of each solar PV module deployed, to be of less than 200 Watt peak	18.00%	18.00%
		(not to be included in main ALMM List-I but to be included in a separate ALMM list called ALMM List-I (DRE)	
Category-IV	Any other application	19.00%	18.00%

3. Post the aforesaid O.M. dated 10.05.2023 and subsequent O.M.s dated 22.03.2024 and 06.05.2025, only such models of Solar PV Modules have been considered for enlistment under ALMM List-I, whose module efficiency is meeting the eligibility criteria as mentioned in table at para-2 above.

4. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 was last updated on 19.09.2025.

5. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 is hereby further revised and the Revision-XLIII *(in the format of additions / modifications to Revision-XLII)* is enclosed at Annexure-I. The last revision no. XLII dated 19.09.2025 is at pages after Annexure-I.

6. The ALMM enlistment validity is subject to valid BIS Registration; else deemed to be delisted.

7. The details of Registration No. (R. No.) which has been allotted by BIS is mentioned against each manufacturer / manufacturing unit enlisted in ALMM and further details related to BIS certification like validity, models included, etc. may be checked from BIS website by using the following link:
https://www.crsbis.in/BIS/Lims_registrationc.do?hmode=getLimsData

8. This issues with the approval of competent authority.

(Sanjay G. Karndhar)
Scientist-E
E-mail: karndhar.sg@nic.in

Encl: as above

To: All Concerned
Copy to: Director (Technical), NIC, MNRE for uploading this document on MNRE's website

Annexure-I
Revision-XLIII

A. Amendments/ Updations in previous lists of ALMM List-I

1. In the ALMM list dated 21st April 2025 (Revision XXXVII) => Sl. No. 15 (M/s. Gautam Solar Pvt. Ltd., Haryana):

=> Sl. No. 6 => Enlisted models : -

G2XBifacial 728-HAD	may be read as	G2XBifacial**1728**-HAD
G2XBifacial 721-HAD	may be read as	G2XBifacial**1721**-HAD
G2XBifacial 715-HAD	may be read as	G2XBifacial**1715**-HAD
G2XBifacial 708-HAD	may be read as	G2XBifacial**1708**-HAD
G2XBifacial 702-HAD	may be read as	G2XBifacial**1702**-HAD
G2XBifacial 695-HAD	may be read as	G2XBifacial**1695**-HAD
G2XBifacial 689-HAD	may be read as	G2XBifacial**1689**-HAD
G2XBifacial 682-HAD	may be read as	G2XBifacial**1682**-HAD
G2XBifacial 676-HAD	may be read as	G2XBifacial**1676**-HAD
G2XBifacial 669-HAD	may be read as	G2XBifacial**1669**-HAD
G2XBifacial 663-HAD	may be read as	G2XBifacial**1663**-HAD

=>Further, from Sl. No. 07 to 10, in the column "enlisted models", extra blank space was there and therefore it is removed and now the names may be read as following: -

Enlisted model	Corrected name
G2XBifacial 1676-HAB	G2XBifacial1676-HAB
G2XBifacial 1669-HAB	G2XBifacial1669-HAB
G2XBifacial 1663-HAB	G2XBifacial1663-HAB
G2XBifacial 1656-HAB	G2XBifacial1656-HAB
G2XBifacial 1650-HAB	G2XBifacial1650-HAB
G2XBifacial 1643-HAB	G2XBifacial1643-HAB
G2XBifacial 1637-HAB	G2XBifacial1637-HAB
G2XBifacial 1630-HAB	G2XBifacial1630-HAB
G2XBifacial 1604-HAA	G2XBifacial1604-HAA
G2XBifacial 1598-HAA	G2XBifacial1598-HAA
G2XBifacial 1591-HAA	G2XBifacial1591-HAA
G2XBifacial 1585-HAA	G2XBifacial1585-HAA
G2XBifacial 1578-HAA	G2XBifacial1578-HAA
G2XBifacial 1572-HAA	G2XBifacial1572-HAA
G2XBifacial 1546-HAY	G2XBifacial1546-HAY
G2XBifacial 1539-HAY	G2XBifacial1539-HAY
G2XBifacial 1533-HAY	G2XBifacial1533-HAY
G2XBifacial 1526-HAY	G2XBifacial1526-HAY
G2XBifacial 1520-HAY	G2XBifacial1520-HAY
G2XBifacial 1507-HAY	G2XBifacial1507-HAY
G2XBifacial 1481-HAX	G2XBifacial1481-HAX
G2XBifacial 1474-HAX	G2XBifacial1474-HAX
G2XBifacial 1468-HAX	G2XBifacial1468-HAX
G2XBifacial 1461-HAX	G2XBifacial1461-HAX
G2XBifacial 1455-HAX	G2XBifacial1455-HAX

Annexure-I
Revision-XLIII

B. New additions on 13.10.2025 in the List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
1	M/s. Surana Solar Limited (New Addition in ALMM)	Sy No. 49, 51, 52 to 55, Surana Solar Limited Unit-1, Raviryal, Plot No. 21, Fab City SPV (India) Pvt Ltd., Maheswaram mandal, Ranga Reddi, Telangana, India-501359	R-63004979	174	i	Bifacial N-Type TOPCon Modules (Glass to Glass)	SSL156GG600W (600Wp)	SSL156GG630W	22.53	156 (Half Cut Cells)	1500	13.10.2025	12.10.2029
								SSL156GG625W	22.35				
								SSL156GG620W	22.17				
								SSL156GG615W	21.99				
								SSL156GG610W	21.81				
								SSL156GG605W	21.63				
								SSL156GG600W	21.46				
								SSL156GG595W	21.28				
								SSL156GG590W	21.10				
								SSL156GG585W	20.92				
								SSL156GG580W	20.74				
								SSL156GG575W	20.56				
					ii	Bifacial N-Type TOPCon Modules (Glass to Glass)	SSL144GG555W (555Wp)	SSL144GG570W	22.07	144 (Half Cut Cells)	1500		
								SSL144GG565W	21.87				
								SSL144GG560W	21.68				
								SSL144GG555W	21.48				
								SSL144GG550W	21.29				
								SSL144GG545W	21.10				
								SSL144GG540W	20.90				
					iii	Bifacial N-Type TOPCon Modules (Glass to Glass)	SSL144GG525W (525Wp)	SSL144GG535W	20.71	144 (Half Cut Cells)	1500		
								SSL144GG530W	20.52				
								SSL144GG525W	20.32				
								SSL144GG520W	20.13				
								SSL144GG515W	19.94				
					iv	Bifacial N-Type TOPCon Modules (Glass to Glass)	SSL132GG495W (495Wp)	SSL132GG510W	21.48	132 (Half Cut Cells)	1500		
								SSL132GG500W	21.06				
								SSL132GG495W	20.85				
								SSL132GG490W	20.64				
								SSL132GG485W	20.42				
					v	Bifacial N-Type TOPCon Modules (Glass to Glass)	SSL132GG470W (470Wp)	SSL132GG480W	20.21	132 (Half Cut Cells)	1500		
								SSL132GG475W	20.00				
								SSL132GG470W	19.79				
								SSL132GG465W	19.58				
								SSL132GG460W	19.37				
					vi	Bifacial N-Type TOPCon Modules (Glass to Glass)	SSL120GG440W (440Wp)	SSL120GG450W	20.79	120 (Half Cut Cells)	1500		
								SSL120GG445W	20.56				
								SSL120GG440W	20.33				
								SSL120GG435W	20.09				
								SSL120GG430W	19.86				
					vii	Bifacial N-Type TOPCon Modules Glass to Glass)	SSL120GG420W (420Wp)	SSL120GG425W	19.63	120 (Half Cut Cells)	1500		
								SSL120GG420W	19.40				
								SSL120GG415W	19.17				
					viii	Bifacial N-Type TOPCon Modules (Glass to Glass)	SSL108GG400W (400Wp)	SSL108GG405W	20.74	108 (Half Cut Cells)	1500		
								SSL108GG400W	20.48				
								SSL108GG395W	20.23				
								SSL108GG390W	19.97				
					ix	Bifacial N-Type TOPCon Modules	SSL108GG375W (375Wp)	SSL108GG385W	19.72	108 (Half Cut Cells)	1500		
								SSL108GG375W	19.20				
					x	Bifacial N-Type TOPCon Modules (Glass to Glass)	SSL96GG350W (350Wp)	SSL96GG360W	20.64	96 (Half Cut Cells)	1500		
								SSL96GG355W	20.35				
								SSL96GG350W	20.07				
								SSL96GG345W	19.78				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					xi	Bifacial N-Type TOPCon Modules (Glass to Glass)	SSL96GG340W (340Wp)	SSL96GG340W	19.49	96 (Half Cut Cells)	1500		
					xii	Bifacial N-Type TOPCon Modules (Glass to Glass)	SSL84GG310W (310Wp)	SSL84GG320W	20.87	84 (Half Cut Cells)	1500		
								SSL84GG315W	20.55				
								SSL84GG310W	20.22				
								SSL84GG305W	19.89				
					xiii	Bifacial N-Type TOPCon Modules (Glass to Glass)	SSL84GG295W (295Wp)	SSL84GG300W	19.57	84 (Half Cut Cells)	1500		
								SSL84GG295W	19.24				
					xiv	Bifacial N-Type TOPCon Modules (Glass to Glass)	SSL72GG280W (280Wp)	SSL72GG285W	21.52	72 (Half Cut Cells)	1500		
								SSL72GG280W	21.14				
								SSL72GG275W	20.76				
								SSL72GG270W	20.38				
					xv	Bifacial Mono c-Si PERC Module (Glass to Glass)	SSL156MPM580 (580Wp)	SSL156MPM595	21.28	156 (Half Cut Cells)	1500		
								SSL156MPM590	21.10				
								SSL156MPM585	20.92				
								SSL156MPM580	20.74				
								SSL156MPM575	20.56				
								SSL156MPM570	20.38				
					xvi	Bifacial Mono c-Si PERC Module (Glass to Glass)	SSL156MPM550 (550Wp)	SSL156MPM565	20.20	156 (Half Cut Cells)	1500		
								SSL156MPM560	20.03				
								SSL156MPM555	19.85				
								SSL156MPM550	19.67				
								SSL156MPM545	19.49				
								SSL156MPM540	19.31				
					xvii	Bifacial Mono c-Si PERC Module (Glass to Glass)	SSL144MPM540 (540Wp)	SSL144MPM550	21.29	144 (Half Cut Cells)	1500		
								SSL144MPM545	21.10				
								SSL144MPM540	20.90				
								SSL144MPM535	20.71				
								SSL144MPM530	20.52				
								SSL144MPM525	20.32				
					xviii	Bifacial Mono c-Si PERC Module (Glass to Glass)	SSL144MPM510 (510Wp)	SSL144MPM520	20.13	144 (Half Cut Cells)	1500		
								SSL144MPM515	19.94				
								SSL144MPM510	19.74				
								SSL144MPM505	19.55				
								SSL144MPM500	19.36				
								SSL144MPM495	19.16				
					xix	Bifacial Mono c-Si PERC Module (Glass to Glass)	SSL132MPM490 (490Wp)	SSL132MPM500	21.24	132 (Half Cut Cells)	1500		
								SSL132MPM495	21.03				
								SS132MPM490	20.81				
								SSL132MPM485	20.60				
								SSL132MPM480	20.39				
								SSL132MPM475	20.18				
					xx	Bifacial Mono c-Si PERC Module (Glass to Glass)	SSL132MPM460 (460Wp)	SSL132MPM470	19.96	132 (Half Cut Cells)	1500		
								SSL132MPM465	19.75				
								SSL132MPM460	19.54				
								SSL132MPM455	19.33				
								SSL132MPM450	19.11				
					xxi	Bifacial Mono c-Si PERC Module (Glass to Glass)	SSL120MPM450 (450Wp)	SSL120MPM455	19.33	120 (Half Cut Cells)	1500		
								SSL120MPM450	19.11				
								SSL120MPM445	20.73				
								SSL120MPM440	20.50				
								SSL120MPM435	20.26				
					xxii	Bifacial Mono c-Si PERC Module (Glass to Glass)	SSL120MPM420 (420Wp)	SSL120MPM430	20.03	120 (Half Cut Cells)	1500		
								SSL120MPM425	19.80				
								SSL120MPM420	19.57				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								SSL120MPM415	19.33				
								SSL120MPM410	19.10				
2	M/s. Bluebird Solar Private Limited (Model Addition + Capacity Addition)	Plot No: 5, Ecotech-II, Udyog Vihar, Khasra No. 739, Greater Noida - 201306, Uttar Pradesh, India	R-93014680	819	i	Bifacial N- Type TOPCon Module (Glass to Glass)	BBS108C430B (430 Wp)	BBS108C430B	21.87	108 (Half Cut Cell)	1500	05.04.2024	04.04.2028
					ii	Bifacial N- Type TOPCon Module (Glass to Glass)	BBS108C455B (455 Wp)	BBS108C435B	22.13	108 (Half Cut Cell)	1500		
								BBS108C440B	22.38				
								BBS108C445B	22.64				
								BBS108C450B	22.89				
								BBS108C455B	23.15				
								BBS108C460B	23.40				
								BBS108C465B	23.66				
								BBS108C470B	23.91				
								BBS108C475B	24.16				
					iii	Bifacial N- Type TOPCon Module (Glass to Glass)	BBS120C495B (495 Wp)	BBS120C480B	22.07	120 (Half Cut Cell)	1500		
								BBS120C485B	22.30				
								BBS120C490B	22.53				
								BBS120C495B	22.75				
								BBS120C500B	22.98				
								BBS120C505B	23.21				
								BBS120C510B	23.44				
					iv	Bifacial N- Type TOPCon Module (Glass to Glass)	BBS132C530B (530 Wp)	BBS132C515B	21.65	132 (Half Cut Cell)	1500		
								BBS132C520B	21.86				
								BBS132C525B	22.07				
								BBS132C530B	22.28				
								BBS132C535B	22.49				
								BBS132C540B	22.70				
								BBS132C545B	22.91				
								BBS132C550B	23.12				
					v	Bifacial N- Type TOPCon Module (Glass to Glass)	BBS144C575B (575 Wp)	BBS144C565B	21.89	144 (Half Cut Cell)	1500		
								BBS144C570B	22.08				
								BBS144C575B	22.28				
								BBS144C580B	22.47				
								BBS144C585B	22.67				
								BBS144C590B	22.86				
								BBS144C595B	23.05				
								BBS144C600B	23.25				
					vi	Bifacial N- Type TOPCon Module (Glass to Glass)	BBS156C625B (625 Wp)	BBS156C605B	21.66	156 (Half Cut Cell)	1500		
								BBS156C610B	21.84				
								BBS156C615B	22.02				
								BBS156C620B	22.20				
								BBS156C625B	22.38				
								BBS156C630B	22.56				
								BBS156C635B	22.74				
								BBS156C640B	22.92				
3	M/s. Rayzon Solar Limited (*Formerly known as M/s. Rayzon Solar Private Limited*) (Model Addition + Capacity Addition)	Block No. 94/1/1F, 94/1/3, 102/1, 103, 104, 105, 109, 110, 118, 119, 120, Kim Mandvi Road, Near Hariya Talav, B/H Aron Pipe, Kim Mandvi Road, Karanj, Surat - 394110, Gujarat, India.	R-72002305	3406	i	Bifacial N-Type TOPCon Modules (Glass to Glass)	RS600132TGC (600 Wp)	RS630132TGC	23.34	132 (Half Cut Cells) Cell Size: 182*210mm	1500	04.03.2024	03.03.2028
								RS625132TGC	23.16				
								RS620132TGC	22.97				
								RS615132TGC	22.79				
								RS610132TGC	22.60				
								RS605132TGC	22.42				
								RS600132TGC	22.23				
								RS595132TGC	22.05				
								RS590132TGC	21.86				
								RS585132TGC	21.68				
								RS580132TGC	21.49				
								RS575132TGC	21.31				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								RS570132TGC	21.12				
					ii	Bifacial N-Type TOPCon Modules (Glass to Glass)	RS525120TGC (525 Wp)	RS550120TGC	22.37	120 (Half Cut Cells)	1500		
								RS545120TGC	22.17				
								RS540120TGC	21.96	Cell Size: 182*210mm			
								RS535120TGC	21.76				
								RS530120TGC	21.56				
								RS525120TGC	21.35				
								RS520120TGC	21.15				
								RS515120TGC	20.95				
								RS510120TGC	20.74				
								RS505120TGC	20.54				
								RS500120TGC	20.34				
					iii	Bifacial N-Type TOPCon Modules (Glass to Glass)	RS475108TGC (475 Wp)	RS495108TGC	22.31	108 (Half Cut Cells)	1500		
								RS490108TGC	22.09				
								RS485108TGC	21.86	Cell Size: 182*210mm			
								RS480108TGC	21.64				
								RS475108TGC	21.41				
								RS470108TGC	21.19				
								RS465108TGC	20.96				
								RS460108TGC	20.74				
								RS455108TGC	20.51				
4	**M/s. Goldi Sun Private Limited** **(Model Addition + Capacity Addition)**	**City Survey No. 920, Vijalpore Road, TA, Distt. Navsari, Gujarat - 396445, India**	**R-72006149**	**4522**	i	Bifacial N-Type TOPCon Modules (Glass to Glass)	GS12R-T132-GF-610 (610 Wp)	GS12R-T132-GF-620	22.21	132 (Half Cut Cells)	1500	27.09.2024	26.09.2028
								GS12R-T132-GF-615	22.40				
								GS12R-T132-GF-610	22.58	Cell Size: 182*210mm			
								GS12R-T132-GF-605	22.77				
								GS12R-T132-GF-600	22.95				
					ii	Bifacial N-Type TOPCon Modules (Glass to Glass)	GS12R-T120-GF-555 (555 Wp)	GS12R-T120-GF-565	23.01	120 (Half Cut Cells)	1500		
								GS12R-T120-GF-560	22.81				
								GS12R-T120-GF-555	22.61	Cell Size: 182*210mm			
								GS12R-T120-GF-550	22.40				
								GS12R-T120-GF-545	22.20				
					iii	Bifacial N-Type TOPCon Modules (Glass to Glass)	GS12R-T108-GF-500 (500 Wp)	GS12R-T108-GF-510	23.00	108 (Half Cut Cells)	1500		
								GS12R-T108-GF-505	22.78				
								GS12R-T108-GF-500	22.55	Cell Size: 182*210mm			
								GS12R-T108-GF-495	22.33				
								GS12R-T108-GF-490	22.10				
5	**M/s. Emmvee Energy Private Limited** **(Model Addition + Capacity Addition)**	**Sy. No. 66-70/3, Sompura Industrial Area, Pemmanahalli Village, Sompura Hobli, Nelamangala Taluk, Bengaluru Rural District, Karnataka - 562111, India**	**R-62004626**	**3276**	i	Bifacial N-Type TOPCon Module (Glass to Glass)	E610HCBG132-T (610 Wp)	E635HCBG132-T	23.51	132 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								E630HCBG132-T	23.32				
								E625HCBG132-T	23.14	Cell Size: 182.3*210mm			
								E620HCBG132-T	22.95				
								E615HCBG132-T	22.77				
								E610HCBG132-T	22.58				
								E605HCBG132-T	22.40				
								E600HCBG132-T	22.21				
								E595HCBG132-T	22.03				
								E590HCBG132-T	21.84				
								E585HCBG132-T	21.66				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	E560HCBG120-T (560 Wp)	E575HCBG120-T	23.33	120 (Half Cut Cells)	1500		
								E570HCBG120-T	23.13				
								E565HCBG120-T	22.93	Cell Size: 182.3*210mm			
								E560HCBG120-T	22.73				
								E555HCBG120-T	22.52				
								E550HCBG120-T	22.32				
								E545HCBG120-T	22.12				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	E505HCBG108-T (505 Wp)	E515HCBG108-T	23.15	108 (Half Cut Cells)	1500		
								E510HCBG108-T	22.92				
								E505HCBG108-T	22.70	Cell Size: 182.3*210mm			

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								E500HCBG108-T	22.47				
								E495HCBG108-T	22.25				
								E490HCBG108-T	22.02				
6	M/s. Gautam Solar Pvt. Ltd. (Model Addition + Capacity Addition)	7 KM Milestone, Tosham Road, Dist - Bhiwani, Bhiwani Khera - 127032, Haryana, India	R-91017574	3224	i	N-Type TOPCon Module (Glass to Glass)	G2G1818NB-UHAD (606 Wp)	G2G1830-HAD	23.59	144 (Half Cut Cells)	1500	21.04.2025	20.04.2029
								G2G1827-UHAD	23.55				
								G2G1824N-UHAD	23.52				
								G2G1821B-UHAD	23.48				
								G2G1818NB-UHAD	23.44				
								G2G1815-HAD	23.40				
								G2G1812-UHAD	23.36				
								G2G1809N-UHAD	23.32				
								G2G1806B-UHAD	23.28				
								G2G1803NB-UHAD	23.24				
					ii	N-Type TOPCon Module (Glass to Glass)	G3G1920K-UHAB (640Wp)	G3G1920K-UHAB	23.69	132 (Half Cut Cells) Cell Size: 182.3*210mm	1500		
								G3G1905K-UHAB	23.51				
7	M/s. Solitech Green Energy Private Limited (New Addition in ALMM)	Block No 210 B, Chhamuchhal, B/H. Karanj Textiles Park, Karanj, Kim - 394110, Surat, Gujarat, India	R-72013358	1321	i	Bifacial N-Type TOPCon Module (Glass to Glass)	SGE - G12R132T16G - 635 (635 Wp)	SGE - G12R132T16G - 650	24.06	132 (Half Cut Cells) Cell Size: 182.2*210mm	1500	13.10.2025	12.10.2029
								SGE - G12R132T16G - 645	23.88				
								SGE - G12R132T16G - 640	23.69				
								SGE - G12R132T16G - 635	23.51				
								SGE - G12R132T16G - 630	23.32				
								SGE - G12R132T16G - 625	23.14				
								SGE - G12R132T16G - 620	22.95				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	SGE - G12R132T16G - 600 (600 Wp)	SGE - G12R132T16G - 615	22.77	132 (Half Cut Cells) Cell Size: 182.2*210mm	1500		
								SGE - G12R132T16G - 610	22.58				
								SGE - G12R132T16G - 605	22.40				
								SGE - G12R132T16G - 600	22.21				
								SGE - G12R132T16G - 595	22.03				
								SGE - G12R132T16G - 590	21.84				
								SGE - G12R132T16G - 585	21.66				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	SGE - G12R120T16G - 580 (580 Wp)	SGE - G12R120T16G - 590	23.98	120 (Half Cut Cells) Cell Size: 182.2*210mm	1500		
								SGE - G12R120T16G - 585	23.77				
								SGE - G12R120T16G - 580	23.57				
								SGE - G12R120T16G - 575	23.37				
								SGE - G12R120T16G - 570	23.16				
								SGE - G12R120T16G - 565	22.96				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	SGE - G12R120T16G - 550 (550 Wp)	SGE - G12R120T16G - 560	22.76	120 (Half Cut Cells) Cell Size: 182.2*210mm	1500		
								SGE - G12R120T16G - 555	22.55				
								SGE - G12R120T16G - 550	22.35				
								SGE - G12R120T16G - 545	22.15				
								SGE - G12R120T16G - 540	21.94				
								SGE - G12R120T16G - 535	21.74				
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	SGE - G12R108T16G - 505 (505 Wp)	SGE - G12R108T16G - 530	23.87	108 (Half Cut Cells) Cell Size: 182.2*210mm	1500		
								SGE - G12R108T16G - 525	23.64				
								SGE - G12R108T16G - 520	23.42				
								SGE - G12R108T16G - 515	23.19				
								SGE - G12R108T16G - 510	22.97				
								SGE - G12R108T16G - 505	22.74				
								SGE - G12R108T16G - 500	22.52				
								SGE - G12R108T16G - 495	22.29				
								SGE - G12R108T16G - 490	22.07				
								SGE - G12R108T16G - 485	21.84				
								SGE - G12R108T16G - 480	21.62				
					vi	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SGE - M10144T16T - 605 (605 Wp)	SGE-M10144T16T-615	23.81	144 (Half Cut Cells)	1500		
								SGE-M10144T16T-610	23.61				
								SGE-M10144T16T-605	23.42				
								SGE-M10144T16T-600	23.23				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								SGE-M10144T16T-595	23.03				
								SGE-M10144T16T-590	22.84				
					vii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SGE - M10144T16T - 570 (570 Wp)	SGE-M10144T16T-585	22.65	144 (Half Cut Cells)	1500		
								SGE-M10144T16T-580	22.45				
								SGE-M10144T16T-575	22.26				
								SGE-M10144T16T-570	22.07				
								SGE-M10144T16T-565	21.87				
								SGE-M10144T16T-560	21.68				
								SGE-M10144T16T-555	21.48				
					viii	Bifacial N-Type TOPCon Module (Glass to Glass)	SGE - M10144T16G - 605 (605 Wp)	SGE-M10144T16G-615	23.81	144 (Half Cut Cells)	1500		
								SGE-M10144T16G-610	23.61				
								SGE-M10144T16G-605	23.42				
								SGE-M10144T16G-600	23.23				
								SGE-M10144T16G-595	23.03				
								SGE-M10144T16G-590	22.84				
					ix	Bifacial N-Type TOPCon Module (Glass to Glass)	SGE - M10144T16G - 570 (570 Wp)	SGE-M10144T16G-585	22.65	144 (Half Cut Cells)	1500		
								SGE-M10144T16G-580	22.45				
								SGE-M10144T16G-575	22.26				
								SGE-M10144T16G-570	22.07				
								SGE-M10144T16G-565	21.87				
								SGE-M10144T16G-560	21.68				
								SGE-M10144T16G-555	21.48				
					x	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SGE - M10132T16T - 530 (530Wp)	SGE-M10132T16T-555	23.39	132 (Half Cut Cells)	1500		
								SGE-M10132T16T-550	23.18				
								SGE-M10132T16T-545	22.97				
								SGE-M10132T16T-540	22.76				
								SGE-M10132T16T-535	22.55				
								SGE-M10132T16T-530	22.34				
								SGE-M10132T16T-525	22.13				
								SGE-M10132T16T-520	21.92				
								SGE-M10132T16T-515	21.71				
								SGE-M10132T16T-510	21.50				
								SGE-M10132T16T-505	21.29				
					xi	Bifacial N-Type TOPCon Module (Glass to Glass)	SGE - M10132T16G - 530 (530 Wp)	SGE-M10132T16G-555	23.39	132 (Half Cut Cells)	1500		
								SGE-M10132T16G-550	23.18				
								SGE-M10132T16G-545	22.97				
								SGE-M10132T16G-540	22.76				
								SGE-M10132T16G-535	22.55				
								SGE-M10132T16G-530	22.34				
								SGE-M10132T16G-525	22.13				
								SGE-M10132T16G-520	21.92				
								SGE-M10132T16G-515	21.71				
								SGE-M10132T16G-510	21.50				
								SGE-M10132T16G-505	21.29				
					xii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SGE - M10120T16T - 500 (500 Wp)	SGE-M10120T16T-510	23.60	120 (Half Cut Cells)	1500		
								SGE-M10120T16T-505	23.36				
								SGE-M10120T16T-500	23.13				
								SGE-M10120T16T-495	22.90				
								SGE-M10120T16T-490	22.67				
					xiii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SGE - M10120T16T - 475 (475 Wp)	SGE-M10120T16T-485	22.44	120 (Half Cut Cells)	1500		
								SGE-M10120T16T-480	22.21				
								SGE-M10120T16T-475	21.98				
								SGE-M10120T16T-470	21.75				
								SGE-M10120T16T-465	21.51				
								SGE-M10120T16T-460	21.28				
					xiv	Bifacial N-Type TOPCon Module	SGE - M10120T16G - 500 (500 Wp)	SGE-M10120T16G-510	23.60	120 (Half Cut Cells)	1500		
								SGE-M10120T16G-505	23.36				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
						(Glass to Glass)		SGE-M10120T16G-500	23.13				
								SGE-M10120T16G-495	22.90				
								SGE-M10120T16G-490	22.67				
					xv	Bifacial N-Type TOPCon Module (Glass to Glass)	SGE - M10120T16G - 475 (475 Wp)	SGE-M10120T16G-485	22.44	120 (Half Cut Cells)	1500		
								SGE-M10120T16G-480	22.21				
								SGE-M10120T16G-475	21.98				
								SGE-M10120T16G-470	21.75				
								SGE-M10120T16G-465	21.51				
								SGE-M10120T16G-460	21.28				
					xvi	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SGE - M10108T16T - 450 (450 Wp)	SGE-M10108T16T-460	23.58	108 (Half Cut Cells)	1500		
								SGE-M10108T16T-455	23.33				
								SGE-M10108T16T-450	23.07				
								SGE-M10108T16T-445	22.81				
								SGE-M10108T16T-440	22.56				
					xvii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SGE - M10108T16T - 425 (425 Wp)	SGE-M10108T16T-435	22.30	108 (Half Cut Cells)	1500		
								SGE-M10108T16T-430	22.05				
								SGE-M10108T16T-425	21.79				
								SGE-M10108T16T-420	21.53				
								SGE-M10108T16T-415	21.28				
					xviii	Bifacial N-Type TOPCon Module (Glass to Glass)	SGE - M10108T16G - 450 (450 Wp)	SGE-M10108T16G-460	23.58	108 (Half Cut Cells)	1500		
								SGE-M10108T16G-455	23.33				
								SGE-M10108T16G-450	23.07				
								SGE-M10108T16G-445	22.81				
								SGE-M10108T16G-440	22.56				
					xix	Bifacial N-Type TOPCon Module (Glass to Glass)	SGE - M10108T16G - 425 (425 Wp)	SGE-M10108T16G-435	22.30	108 (Half Cut Cells)	1500		
								SGE-M10108T16G-430	22.05				
								SGE-M10108T16G-425	21.79				
								SGE-M10108T16G-420	21.53				
								SGE-M10108T16G-415	21.28				
8	**M/s. Insolation Green Energy Private Limited** **(New Addition in ALMM)**	**Khasra No. 4205/3454, 4207/3460, 3447-3452, 4383/3458, 3488 -3498,3500 -3509, 3511, Village - Sawarda Teh - Mauzamabad - 303348, Dudu, Rajasthan,India**	**R-84005622**	**1202**	i	Bifacial N-Type TOPCon Module (Glass to Glass)	INA-156THC-GGF-625 (625 Wp)	INA-156THC-GGF-650	23.25	156 (Half Cut Cells)	1500	13.10.2025	12.10.2029
								INA-156THC-GGF-645	23.07				
								INA-156THC-GGF-640	22.90				
								INA-156THC-GGF-635	22.72				
								INA-156THC-GGF-630	22.54				
								INA-156THC-GGF-625	22.36				
								INA-156THC-GGF-620	22.18				
								INA-156THC-GGF-615	22.00				
								INA-156THC-GGF-610	21.82				
								INA-156THC-GGF-605	21.64				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	INA-144THC-GGF-575 (575 Wp)	INA-144THC-GGF-600	23.23	144 (Half Cut Cells)	1500		
								INA-144THC-GGF-595	23.03				
								INA-144THC-GGF-590	22.84				
								INA-144THC-GGF-585	22.65				
								INA-144THC-GGF-580	22.45				
								INA-144THC-GGF-575	22.26				
								INA-144THC-GGF-570	22.07				
								INA-144THC-GGF-565	21.87				
								INA-144THC-GGF-560	21.68				
								INA-144THC-GGF-555	21.48				
								INA-144THC-GGF-550	21.29				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	INA-132THC-GGF-525 (525 Wp)	INA-132THC-GGF-540	22.73	132 (Half Cut Cells)	1500		
								INA-132THC-GGF-535	22.52				
								INA-132THC-GGF-530	22.31				
								INA-132THC-GGF-525	22.10				
								INA-132THC-GGF-520	21.89				
								INA-132THC-GGF-500	21.05				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	INA-120THC-GGF-500 (500 Wp)	INA-120THC-GGF-500	23.02	120 (Half Cut Cells)	1500		
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	INA-108THC-GGF-450 (450 Wp)	INA-108THC-GGF-450	22.94	108 (Half Cut Cells)	1500		
9	**M/s. Jakson Engineers Limited** **(Model Addition + Capacity Addition)**	**Plot No-25, Ecotech-III, Udyog Kendra, Greater Noida-201306, Gautam Budha Nagar, Uttar Pradesh, India**	**R-93005959**	**1209**	i	Bifacial N-Type TOPCon Module (Glass to Glass)	JN-615GR (615 Wp)	JN-605GR	22.42	132 (Half Cut Cells) Cell Size: 182*210mm	1500	17.08.2023	16.08.2027
								JN-610GR	22.60				
								JN-615GR	22.79				
10	**M/s. Suryanand Solar Cluster Association** **(New Addition in ALMM)**	**Opp Prince Steel, Plot No CL 1, Barshi Road, Additional MIDC, Harangul Buzurg, Latur -413531, Maharashtra, India**	**R-71028959**	**33**	i	Mono c-Si PERC Module	SSCA350WC (350 Wp)	SSCA335WC	19.19	96 (Half Cut Cells)	1500	13.10.2025	12.10.2029
								SSCA340WC	19.47				
								SSCA345WC	19.76				
								SSCA350WC	20.05				
								SSCA355WC	20.33				
								SSCA360WC	20.62				
					iii	Mono c-Si PERC Module	SSCA390WC (390 Wp)	SSCA375WC	19.18	108 (Half Cut Cells)	1500		
								SSCA380WC	19.43				
								SSCA385WC	19.69				
								SSCA390WC	19.94				
								SSCA395WC	20.20				
								SSCA400WC	20.45				
								SSCA405WC	20.71				
					iii	Mono c-Si PERC Module	SSCA425WC (425 Wp)	SSCA415WC	19.16	120 (Half Cut Cells)	1500		
								SSCA420WC	19.39				
								SSCA425WC	19.62				
								SSCA430WC	19.85				
								SSCA435WC	20.08				
					iv	Mono c-Si PERC Module	SSCA450WC (450 Wp)	SSCA440WC	20.31	120 (Half Cut Cells)	1500		
								SSCA445WC	20.54				
								SSCA450WC	20.77				
								SSCA455WC	21.00				
								SSCA460WC	21.23				
					v	Mono c-Si PERC Module	SSCA485WC (485 Wp)	SSCA465WC	19.59	132 (Half Cut Cells)	1500		
								SSCA470WC	19.80				
								SSCA475WC	20.01				
								SSCA480WC	20.22				
								SSCA485WC	20.43				
								SSCA490WC	20.64				
								SSCA495WC	20.85				
								SSCA500WC	21.06				
					vi	Mono c-Si PERC Module	SSCA525WC (525 Wp)	SSCA505WC	19.57	144 (Half Cut Cells)	1500		
								SSCA510WC	19.76				
								SSCA515WC	19.95				
								SSCA520WC	20.15				
								SSCA525WC	20.34				
								SSCA530WC	20.53				
								SSCA535WC	20.73				
								SSCA540WC	20.92				
								SSCA545WC	21.12				
11	**M/s. Axitec Energy India Pvt Ltd**	**Co-ALMM with M/s. Knack Energy Private Limited**	**R-72013854**	**150 (As per**	i	Bifacial N-Type TOPCon	AC-640TGB/156TS (640 Wp)	AC-650TGB/156TS	23.24	156 (Half Cut Cells)	1500	13.10.2025	10.07.2027
								AC-645TGB/156TS	23.07				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
	(Model Addition under Co-ALMM)	Manufacturing Address: Survey No. 291 & 292, Besides Kamla Amrut Industrial Estate, Budasun, Near Hitachi, Jhonson Kadi, Mehsana - 382715, Gujarat, India		CoBranding Agreement)		Module (Glass to Glass)		AC-640TGB/156TS	22.89				
								AC-630TGB/156TS	22.53				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	AC-590TGB/144TS (590 Wp)	AC-600TGB/144TS	23.23	144 (Half Cut Cells)	1500		
								AC-595TGB/144TS	23.03				
								AC-590TGB/144TS	22.84				
								AC-585TGB/144TS	22.65				
								AC-580TGB/144TS	22.26				
								AC-575TGB/144TS	22.26				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	AC-560TGB/144TS (560 Wp)	AC-570TGB/144TS	22.07	144 (Half Cut Cells)	1500		
								AC-565TGB/144TS	21.87				
								AC-560TGB/144TS	21.68				
								AC-555TGB/144TS	21.48				
								AC-550TGB/144TS	21.29				
								AC-545TGB/144TS	21.10				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	AC-535TGB/132TS (535 Wp)	AC-540TGB/132TS	22.76	132 (Half Cut Cells)	1500		
								AC-535TGB/132TS	22.55				
								AC-530TGB/132TS	22.34				
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	AC-485TGB/120TS (485 Wp)	AC-490TGB/120TS	22.65	120 (Half Cut Cells)	1500		
								AC-485TGB/120TS	22.42				
								AC-480TGB/120TS	22.18				
					vi	Bifacial N-Type TOPCon Module (Glass to Glass)	AC-440TGB/108TS (440 Wp)	AC-445TGB/108TS	22.68	108 (Half Cut Cells)	1500		
								AC-440TGB/108TS	22.43				
								AC-435TGB/108TS	22.17				
12	M/s. Axitec Energy India Pvt Ltd (Model Addition under Co-ALMM)	Co-ALMM with M/s. Rayzon Solar Limited (Formerly Known as M/s. Rayzon Solar Private Limited)) Manufacturing Address: Block No. 94/1/1F, 94/1/3, 102/1,103, 104, 105, 109, 110, 118, 119, 120, City Survey No. NA 94/1/2/A, NA 94/1/2/B, NA 123 & NA 124 B/H Hariya Talav, Kim Mandvi Road, Vill.: Karanj, Ta.: Mandvi, Dist.: Surat - 394110, Gujarat,	R-72005924	150 (As per CoBranding Agreement)	i	Bifacial N Type TOPCon Module (Glass to Glass)	AC-565TGB/144TS (565 Wp)	AC-540TGB/144TS	20.92	144 (Half Cut Cells)	1500	13.10.2025	24.02.2026
								AC-545TGB/144TS	21.12				
								AC-550TGB/144TS	21.31				
								AC-555TGB/144TS	21.50				
								AC-560TGB/144TS	21.70				
								AC-565TGB/144TS	21.89				
								AC-570TGB/144TS	22.08				
								AC-575TGB/144TS	22.28				
								AC-580TGB/144TS	22.47				
								AC-585TGB/144TS	20.15				
					ii	Bifacial N Type TOPCon Module (Glass to Glass)	AC-525TGB/132TS (525 Wp)	AC-520TGB/132TS	21.91	132 (Half Cut Cells)	1500		
								AC-525TGB/132TS	22.12				
								AC-530TGB/132TS	22.33				
					iii	Bifacial N Type TOPCon Module (Glass to Glass)	AC-480TGB/120TS (480 Wp)	AC-475TGB/120TS	21.93	120 (Half Cut Cells)	1500		
								AC-480TGB/120TS	22.16				
								AC-485TGB/120TS	22.39				
					iv	Bifacial N Type TOPCon Module (Glass to Glass)	AC-420TGB/108TS (420 Wp)	AC-405TGB/108TS	20.76	108 (Half Cut Cells)	1500		
								AC-410TGB/108TS	21.01				
								AC-415TGB/108TS	21.27				
								AC-420TGB/108TS	21.53				
								AC-425TGB/108TS	21.78				
								AC-430TGB/108TS	22.04				
								AC-435TGB/108TS	22.30				
13	M/s. Rajasthan Electronics and	Co-ALMM with M/s. Sahaj Solar Limited	R-72013528	10 (As per	i	Mono c-Si PERC Module	RSS-545 (545 Wp)	RSS-540	20.89	144 (Half Cut Cells)	1500	13.10.2025	18.06.2027
								RSS-545	21.09				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
	Instruments Limited (REIL) **(Model Addition under Co-ALMM)**	**Manufacturing Address: Plot No. D4, Survey No. 742,745, Gallops Industrial Park, Village Rajoda, Sarkhej – Bavla Road, NH 8B, Ahmedabad, Gujarat – 382220, India**		**CoBranding Agreement)**				RSS-550	21.28				
14	**M/s. Luminous Power Technologies Pvt. Ltd** **(Model Addition under Co-ALMM)**	**Co-ALMM with M/s. Knack Energy Private Limited** **Manufacturing Address: Survey No. 291 & 292, Besides Kamla Amrut Industrial Estate, Budasun, Near Hitachi, Jhonson Kadi, Mehsana - 382715,Gujarat, India**	**R-72013200**	**19-20 MW/Month (As per CoBranding Agreement)**	i	Bifacial N-Type TOPCon Module (Glass to Glass)	LUM 630TG156 KE16B (630 Wp)	LUM 605TG156 KE16B	21.63	156 (Half Cut Cells)	1500	13.10.2025	31.03.2026
								LUM 610TG156 KE16B	21.81				
								LUM 615TG156 KE16B	21.99				
								LUM 620TG156 KE16B	22.17				
								LUM 625TG156 KE16B	22.35				
								LUM 630TG156 KE16B	22.53				
								LUM 635TG156 KE16B	22.71				
								LUM 640TG156 KE16B	22.89				
								LUM 645TG156 KE16B	23.07				
								LUM 650TG156 KE16B	23.24				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	LUM 630TG156 KE16A (630 Wp)	LUM 605TG156 KE16A	21.63	156 (Half Cut Cells)	1500		
								LUM 610TG156 KE16A	21.81				
								LUM 615TG156 KE16A	21.99				
								LUM 620TG156 KE16A	22.17				
								LUM 625TG156 KE16A	22.35				
								LUM 630TG156 KE16A	22.53				
								LUM 635TG156 KE16A	22.71				
								LUM 640TG156 KE16A	22.89				
								LUM 645TG156 KE16A	23.07				
								LUM 650TG156 KE16A	23.24				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	LUM 560TG144 KE16B (560 Wp)	LUM 545TG144 KE16B	21.10	144 (Half Cut Cells)	1500		
								LUM 550TG144 KE16B	21.29				
								LUM 555TG144 KE16B	21.48				
								LUM 560TG144 KE16B	21.68				
								LUM 565TG144 KE16B	21.87				
								LUM 570TG144 KE16B	22.07				
								LUM 575TG144 KE16B	22.26				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	LUM 590TG144 KE16B (590 Wp)	LUM 580TG144 KE16B	22.45	144 (Half Cut Cells)	1500		
								LUM 585TG144 KE16B	22.65				
								LUM 590TG144 KE16B	22.84				
								LUM 595TG144 KE16B	23.03				
								LUM 600TG144 KE16B	23.23				
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	LUM 560TG144 KE16A (560 Wp)	LUM 545TG144 KE16A	21.10	144 (Half Cut Cells)	1500		
								LUM 550TG144 KE16A	21.29				
								LUM 555TG144 KE16A	21.48				
								LUM 560TG144 KE16A	21.68				
								LUM 565TG144 KE16A	21.87				
								LUM 570TG144 KE16A	22.07				
								LUM 575TG144 KE16A	22.26				
					vi	Bifacial N-Type TOPCon Module (Glass to Glass)	LUM 590TG144 KE16A (590 Wp)	LUM 580TG144 KE16A	22.45	144 (Half Cut Cells)	1500		
								LUM 585TG144 KE16A	22.65				
								LUM 590TG144 KE16A	22.84				
								LUM 595TG144 KE16A	23.03				
								LUM 600TG144 KE16A	23.23				
					vii	Bifacial Mono c-Si	LUM 530MG144 KE10A	LUM 505MG144 KE10A	19.55	144 (Half Cut Cells)	1500		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
						PERC Module (Glass to Glass)	(530 Wp)	LUM 510MG144 KE10A	19.74				
								LUM 515MG144 KE10A	19.94				
								LUM 520MG144 KE10A	20.13				
								LUM 525MG144 KE10A	20.32				
								LUM 530MG144 KE10A	20.52				
								LUM 535MG144 KE10A	20.71				
								LUM 540MG144 KE10A	20.90				
								LUM 545MG144 KE10A	21.10				
								LUM 550MG144 KE10A	21.29				
								LUM 555MG144 KE10A	21.48				
					viii	Bifacial N-Type TOPCon Module (Glass to Glass)	LUM 515TG132 KE16B (515 Wp)	LUM 495TG132 KE16B	20.87	132 (Half Cut Cells)	1500		
								LUM 500TG132 KE16B	21.08				
								LUM 505TG132 KE16B	21.29				
								LUM 510TG132 KE16B	21.50				
								LUM 515TG132 KE16B	21.71				
								LUM 520TG132 KE16B	21.92				
								LUM 525TG132 KE16B	22.13				
								LUM 530TG132 KE16B	22.34				
								LUM 535TG132 KE16B	22.55				
								LUM 540TG132 KE16B	22.76				
					ix	Bifacial N-Type TOPCon Module (Glass to Glass)	LUM 515TG132 KE16A (515 Wp)	LUM 495TG132 KE16A	20.87	132 (Half Cut Cells)	1500		
								LUM 500TG132 KE16A	21.08				
								LUM 505TG132 KE16A	21.29				
								LUM 510TG132 KE16A	21.50				
								LUM 515TG132 KE16A	21.71				
								LUM 520TG132 KE16A	21.92				
								LUM 525TG132 KE16A	22.13				
								LUM 530TG132 KE16A	22.34				
								LUM 535TG132 KE16A	22.55				
								LUM 540TG132 KE16A	22.76				
					x	Bifacial Mono c-Si PERC Module (Glass to Glass)	LUM 480MG132 KE10A (480 Wp)	LUM 460MG132 KE10A	19.39	132 (Half Cut Cells)	1500		
								LUM 465MG132 KE10A	19.60				
								LUM 470MG132 KE10A	19.81				
								LUM 475MG132 KE10A	20.02				
								LUM 480MG132 KE10A	20.23				
								LUM 485MG132 KE10A	20.44				
								LUM 490MG132 KE10A	20.65				
								LUM 495MG132 KE10A	20.87				
								LUM 500MG132 KE10A	21.08				
					xi	Bifacial N-Type TOPCon Module (Glass to Glass)	AMS 630TG156 KE16B (630 Wp)	AMS 605TG156 KE16B	21.63	156 (Half Cut Cells)	1500		
								AMS 610TG156 KE16B	21.81				
								AMS 615TG156 KE16B	21.99				
								AMS 620TG156 KE16B	22.17				
								AMS 625TG156 KE16B	22.35				
								AMS 630TG156 KE16B	22.53				
								AMS 635TG156 KE16B	22.71				
								AMS 640TG156 KE16B	22.89				
								AMS 645TG156 KE16B	23.07				
								AMS 650TG156 KE16B	23.24				
					xii	Bifacial N-Type TOPCon Module (Glass to Glass)	AMS 630TG156 KE16A (630 Wp)	AMS 605TG156 KE16A	21.63	156 (Half Cut Cells)	1500		
								AMS 610TG156 KE16A	21.81				
								AMS 615TG156 KE16A	21.99				
								AMS 620TG156 KE16A	22.17				
								AMS 625TG156 KE16A	22.35				
								AMS 630TG156 KE16A	22.53				
								AMS 635TG156 KE16A	22.71				
								AMS 640TG156 KE16A	22.89				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								AMS 645TG156 KE16A	23.07				
								AMS 650TG156 KE16A	23.24				
					xiii	Bifacial N-Type TOPCon Module (Glass to Glass)	AMS 560TG144 KE16B (560 Wp)	AMS 545TG144 KE16B	21.10	144 (Half Cut Cells)	1500		
								AMS 550TG144 KE16B	21.29				
								AMS 555TG144 KE16B	21.48				
								AMS 560TG144 KE16B	21.68				
								AMS 565TG144 KE16B	21.87				
								AMS 570TG144 KE16B	22.07				
								AMS 575TG144 KE16B	22.26				
					xiv	Bifacial N-Type TOPCon Module (Glass to Glass)	AMS 590TG144 KE16B (590 Wp)	AMS 580TG144 KE16B	22.45	144 (Half Cut Cells)	1500		
								AMS 585TG144 KE16B	22.65				
								AMS 590TG144 KE16B	22.84				
								AMS 595TG144 KE16B	23.03				
								AMS 600TG144 KE16B	23.23				
					xv	Bifacial N-Type TOPCon Module (Glass to Glass)	AMS 560TG144 KE16A (560 Wp)	AMS 545TG144 KE16A	21.10	144 (Half Cut Cells)	1500		
								AMS 550TG144 KE16A	21.29				
								AMS 555TG144 KE16A	21.48				
								AMS 560TG144 KE16A	21.68				
								AMS 565TG144 KE16A	21.87				
								AMS 570TG144 KE16A	22.07				
								AMS 575TG144 KE16A	22.26				
					xvi	Bifacial N-Type TOPCon Module (Glass to Glass)	AMS 590TG144 KE16A (590 Wp)	AMS 580TG144 KE16A	22.45	144 (Half Cut Cells)	1500		
								AMS 585TG144 KE16A	22.65				
								AMS 590TG144 KE16A	22.84				
								AMS 595TG144 KE16A	23.03				
								AMS 600TG144 KE16A	23.23				
					xvii	Bifacial Mono c-Si PERC Module (Glass to Glass)	AMS 530MG144 KE10A (530 Wp)	AMS 505MG144 KE10A	19.55	144 (Half Cut Cells)	1500		
								AMS 510MG144 KE10A	19.74				
								AMS 515MG144 KE10A	19.94				
								AMS 520MG144 KE10A	20.13				
								AMS 525MG144 KE10A	20.32				
								AMS 530MG144 KE10A	20.52				
								AMS 535MG144 KE10A	20.71				
								AMS 540MG144 KE10A	20.90				
								AMS 545MG144 KE10A	21.10				
								AMS 550MG144 KE10A	21.29				
								AMS 555MG144 KE10A	21.48				
					xviii	Bifacial N-Type TOPCon Module (Glass to Glass)	AMS 515TG132 KE16B (515 Wp)	AMS 495TG132 KE16B	20.87	132 (Half Cut Cells)	1500		
								AMS 500TG132 KE16B	21.08				
								AMS 505TG132 KE16B	21.29				
								AMS 510TG132 KE16B	21.50				
								AMS 515TG132 KE16B	21.71				
								AMS 520TG132 KE16B	21.92				
								AMS 525TG132 KE16B	22.13				
								AMS 530TG132 KE16B	22.34				
								AMS 535TG132 KE16B	22.55				
								AMS 540TG132 KE16B	22.76				
					xix	Bifacial N-Type TOPCon Module (Glass to Glass)	AMS 515TG132 KE16A (515 Wp)	AMS 495TG132 KE16A	20.87	132 (Half Cut Cells)	1500		
								AMS 500TG132 KE16A	21.08				
								AMS 505TG132 KE16A	21.29				
								AMS 510TG132 KE16A	21.50				
								AMS 515TG132 KE16A	21.71				
								AMS 520TG132 KE16A	21.92				
								AMS 525TG132 KE16A	22.13				
								AMS 530TG132 KE16A	22.34				
								AMS 535TG132 KE16A	22.55				
								AMS 540TG132 KE16A	22.76				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					xx	Bifacial Mono c-Si PERC Module (Glass to Glass)	AMS 480MG132 KE10A (480 Wp)	AMS 460MG132 KE10A	19.39	132 (Half Cut Cells)	1500		
								AMS 465MG132 KE10A	19.60				
								AMS 470MG132 KE10A	19.81				
								AMS 475MG132 KE10A	20.02				
								AMS 480MG132 KE10A	20.23				
								AMS 485MG132 KE10A	20.44				
								AMS 490MG132 KE10A	20.65				
								AMS 495MG132 KE10A	20.87				
								AMS 500MG132 KE10A	21.08				

Note: In case of model inclusion or capacity addition / change, through revision in ALMM List, the capacity mentioned against any manufacturing unit, as appearing in the said Revision to the ALMM List, shall be the ALMM enlisted manufacturing capacity for that manufacturing unit (from the date of the said revision), and the capacity enlisted for that manufacturing unit should not be interpreted as Sum of (enlisted capacity for that manufacturing unit in previous ALMM list/ previous revision to ALMM List) and (enlisted capacity in the present revision)

F. No. 283/41/2024-GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय / Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003.
Dated: 19th September 2025

OFFICE MEMORANDUM

Sub: Updation of List I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 – Reg.

Ref: (i) MNRE's O.M. No. 283/54/2018-GRID SOLAR–Part(1) dated 10.03.2021
(ii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 10.05.2023;
(iii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 22.03.2024;
(iv) MNRE's O.M. No. 32/33/2024-SPV Division dated 06.05.2025;

Reference is invited to this Ministry's O.M.s of even no. dated 10.03.2021, regarding implementation of Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirement for Compulsory Registration) Order, 2019 and publishing List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019.

2. This Ministry vide its O.M.s referred at (ii), (iii) & (iv) above, inter-alia, directed that only such models of Solar PV Module Manufacturers will be enlisted under ALMM, which comply with the BIS Standards and are having the following minimum module efficiency:

Category	**Application/Use**	**Minimum Module Efficiency required to be eligible for enlistment in ALMM for solar PV modules**	
		For c-Si technology based solar PV modules	**For CdTe thin film technology based solar PV modules**
Category-I	Utility/Grid Scale Power Plants	20.00%	19.00%
Category-II	Rooftop and Solar Pumping	19.50%	18.50%
Category-III	Off-grid projects/applications like solar lamps, solar lights, solar street lights, solar fans, etc. (other than solar powered agricultural pumps and solar PV rooftops) requiring individual capacity of each solar PV module deployed, to be of less than 200 Watt peak	18.00%	18.00%
		(not to be included in main ALMM List-I but to be included in a separate ALMM list called ALMM List-I (DRE)	
Category-IV	Any other application	19.00%	18.00%

3. Post the aforesaid O.M. dated 10.05.2023 and subsequent O.M.s dated 22.03.2024 and 06.05.2025, only such models of Solar PV Modules have been considered for enlistment under ALMM List-I, whose module efficiency is meeting the eligibility criteria as mentioned in table at para-2 above.

4. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 was last updated on 13.08.2025.

5. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 is hereby further revised and the Revision-XLII *(in the format of additions / modifications to Revision-XLI)* is enclosed at Annexure-I. The last revision no. XLI dated 13.08.2025 along with provisional enlistments therein *(excluding those which have been removed on account of inclusion in main ALMM List-I or inordinate delay in getting final inspection done)* is at pages after Annexure-I.

6. The ALMM enlistment validity is subject to valid BIS Registration; else deemed to be delisted.

7. The details of Registration No. (R. No.) which has been allotted by BIS is mentioned against each manufacturer / manufacturing unit enlisted in ALMM and further details related to BIS certification like validity, models included, etc. may be checked from BIS website by using the following link:
https://www.crsbis.in/BIS/Lims_registrationc.do?hmode=getLimsData

8. This issues with the approval of competent authority.

(Sanjay G. Karndhar)
Scientist-E
E-mail: karndhar.sg@nic.in

Encl: as above

To: All Concerned
Copy to: Director (Technical), NIC, MNRE for uploading this document on MNRE's website

Annexure-I
Revision-XLII

A. Amendments/ Updations in previous lists of ALMM List-I

1. **M/s. Sahaj Solar Privat Ltd** (ALMM list for solar PV modules issued on 27.03.2025 => Sl. No. 24) Name of **Sahaj Solar Private Ltd** has been changed to **Sahaj Solar Limited**

2. **M/s. Onix-Tech Renewable Private Limited** (ALMM list for solar PV modules issued on 13.08.2025 => Sl. No. 3) Name of **Onix-Tech Renewable Private Limited** has been changed to **Nexgenix Solar Manufacturing Private Limited**

3. **M/s. Rayzon Solar Private Limited** (ALMM list for solar PV modules issued on 27.03.2025 => Sl. No. 16) Name of **Rayzon Solar Private Limited** has been changed to **Rayzon Solar Limited and** the Address has also been changed
from
[Block No. 94/1/1F, 94/1/3, 102/1, 103, 104, 105, 109, 110, 118, 119, 120, Kim Mandvi Road, Near Hariya Talav, B/H Aron Pipe, Kim Mandvi Road, Karanj, Surat - 394110, Gujarat, India]
to
Block 94/1/1/F 94/1/3 94/1/1/A 102/1 103 104 105 109 110 112 113 118 119 120 City Survey No.: NA 94/1/2/A NA 94/1/2/B NA 123 & NA 124 B/H Hariya Talav Kim-Mandvi Road Vill.: Karanj Ta.: Mandvi Dist.: Surat - 394110, Gujarat, 394110

Note:
Older names/ addresses of the companies mentioned at (1) (2) and (3) above, even if appearing at places other than those explicitly mentioned above, may also be considered to have been changed accordingly.

4. **M/s. Tata Power Renewable Energy Limited** (Formerly M/s. Tata Power Solar Systems Ltd) (ALMM list for solar PV modules issued on 27.03.2025 => Sl. No. 44) – one of the 'enlisted models' under 'Applied Model' - TP525HG10, is mentioned as 'TP5435HG10' which may be read as **'TP535HG10'**

5. **M/s. Vikram Solar Limited** (ALMM list for solar PV modules issued on 13.08.2025 => Sl. No. 19) Names of 'Enlisted Models' which were added on 13.08.2025, were not completely visible due to limited column width, the same may be read as follows:

Enlisted Models
HYPERSOL VSMDH.66.590.05
HYPERSOL VSMDH.66.595.05
HYPERSOL VSMDH.66.600.05
HYPERSOL VSMDH.66.605.05
HYPERSOL VSMDH.66.610.05
HYPERSOL VSMDH.66.615.05
HYPERSOL VSMDH.66.620.05
HYPERSOL VSMDH.66.625.05
HYPERSOL VSMDH.66.630.05
HYPERSOL VSMDH.66.635.05
HYPERSOL VSMDH.66.640.05
HYPERSOL VSMDH.60.580.05
HYPERSOL VSMDH.60.575.05
HYPERSOL VSMDH.60.570.05
HYPERSOL VSMDH.60.565.05
HYPERSOL VSMDH.60.560.05
HYPERSOL VSMDH.60.555.05
HYPERSOL VSMDH.60.550.05
HYPERSOL VSMDH.60.545.05

Annexure-I

Revision-XLII

B. New additions on 19.09.2025 in the List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
1	M/s. Avaada Electro Private Limited (Capacity Addition)	A-67, MIDC Road, Additional Butibori Industrial Area, Nagpur-441108, Maharashtra, India	R-71040312	4111	i	Bifacial N Type TOPCon Module (Glass to Glass)	AVN66G12G710 (710 Wp)	AVN66G12G720	23.18	132 (Half Cut Cells)	1500	05.06.2025	04.06.2029
								AVN66G12G715	23.02				
								AVN66G12G710	22.86				
								AVN66G12G705	22.70				
								AVN66G12G700	22.53				
					ii	Bifacial N Type TOPCon Module (Glass to Glass)	AVN60G12G640 (640 Wp)	AVN60G12G650	22.97	120 (Half Cut Cells)	1500		
								AVN60G12G645	22.79				
								AVN60G12G640	22.61				
								AVN60G12G635	22.44				
								AVN60G12G630	22.26				
					iii	Bifacial N Type TOPCon Module (Glass to Glass)	AVN66G12RG620 (620 Wp)	AVN66G12RG630	23.32	132 (Half Cut Cells)	1500		
								AVN66G12RG625	23.14				
								AVN66G12RG620	22.95				
								AVN66G12RG615	22.77				
								AVN66G12RG610	22.58				
					iv	Bifacial N Type TOPCon Module (Glass to Glass)	AVN60G12RG560 (560 Wp)	AVN60G12RG570	23.14	120 (Half Cut Cells)	1500		
								AVN60G12RG565	22.94				
								AVN60G12RG560	22.74				
								AVN60G12RG555	22.53				
								AVN60G12RG550	22.33				
2	M/s. Kosol Energie Pvt. Ltd. (Model Addition + Capacity Addition)	Survey No: 415/B, Opp. Super Gas, Village: Bhayla, Bavla-Bagodra Highway, Ta: Bavla, Dist: Ahmedabad - 382220, Gujarat, India.	R-72003417	1526	i	Bifacial N Type TOPCON Module (Glass to Glass)	KE600N (600Wp)	KE620N	23.92	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								KE615N	23.73				
								KE610N	23.54				
								KE605N	23.34				
								KE600N	23.15				
								KE595N	22.96				
								KE590N	22.76				
								KE585N	22.57				
					ii	Bifacial N Type TOPCON Module (Glass to Glass)	KE555N (555Wp)	KE580N	24.35	132(Half Cut Cells)	1500		
								KE575N	24.14				
								KE570N	23.93				
								KE565N	23.72				
								KE560N	23.51				
								KE555N	23.30				
								KE550N	23.09				
								KE545N	22.88				
								KE540N	22.67				
								KE535N	22.46				
					iii	Bifacial N Type TOPCON Module (Glass to Glass)	KE505N (505Wp)	KE530N	24.35	120(Half Cut Cells)	1500		
								KE525N	24.12				
								KE520N	23.89				
								KE515N	23.66				
								KE510N	23.43				
								KE505N	23.20				
								KE500N	22.97				
								KE495N	22.74				
								KE490N	22.51				
								KE485N	22.28				
					iv	Bifacial N Type TOPCON Module (Glass to Glass)	KE455N (455Wp)	KE475N	24.21	108(Half Cut Cells)	1500		
								KE470N	23.95				
								KE465N	23.70				
								KE460N	23.44				
								KE455N	23.19				
								KE450N	22.93				
								KE445N	22.68				
								KE440N	22.42				
								KE435N	22.17				
3	M/s. FS Green Energies Private Limited.	Block No. 160 - 164, 168 Besides Act Agro Chem Pvt. Ltd., Juni Jithardi Road, Near	R-72011258	2896	i	Bifacial N-Type TOPCon Module (Glass to Glass)	FST-G12R.132G-620 (620 Wp)	FST-G12R.132G-600	22.19	132 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								FST-G12R.132G-605	22.38				
								FST-G12R.132G-610	22.56				
								FST-G12R.132G-615	22.75				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
	(Model Addition + Capacity Addition)	Karjan Cross Road, NH - 8, Vadodara - 391240, Gujarat, India						FST-G12R.132G-620	22.93				
								FST-G12R.132G-625	23.12				
								FST-G12R.132G-630	23.30				
								FST-G12R.132G-635	23.49				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	FST-G12R.120G-560 (560 Wp)	FST-G12R.120G-545	22.13	120 (Half Cut Cells)	1500		
								FST-G12R.120G-550	22.33				
								FST-G12R.120G-555	22.53				
								FST-G12R.120G-560	22.74				
								FST-G12R.120G-565	22.94				
								FST-G12R.120G-570	23.14				
								FST-G12R.120G-575	23.35				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	FST-G12R.108G-505 (505 Wp)	FST-G12R.108G-485	21.82	108 (Half Cut Cells)	1500		
								FST-G12R.108G-490	22.05				
								FST-G12R.108G-495	22.27				
								FST-G12R.108G-500	22.50				
								FST-G12R.108G-505	22.72				
								FST-G12R.108G-510	22.95				
								FST-G12R.108G-515	23.17				
								FST-G12R.108G-520	23.40				
4	M/s. Loom Solar Private Limited. (Model Addition + Capacity Change)	Block Ala, Palwal Logistic Park, Ferozpur, Palwal - 121102, Haryana, India	R-91017728	30	i	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	SHARK555 (555 Wp)	SHARK 560	21.68	144 (Half Cut Cells)	1500	21.04.2025	20.04.2029
								SHARK 555	21.48				
								SHARK 550	21.29				
					ii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	SHARK525 (525 Wp)	SHARK 545	22.96	132 (Half Cut Cells)	1500		
								SHARK 540	22.75				
								SHARK 535	22.54				
								SHARK 530	22.33				
								SHARK 525	22.12				
								SHARK 520	21.91				
								SHARK 515	21.70				
								SHARK 510	21.49				
								SHARK 505	21.28				
								SHARK 500	21.07				
5	M/s. Cosmic PV Power Private Limited (Model Addition + Capacity Addition)	Survey No. 1605/1, Block No. 2098/1/B, Tadkeshvar, Mandavi, Surat- 394170, Gujarat, India	R-72009539	1302	i	Bifacial N-Type TOPCon Modules (Glass to Glass)	COS TOP-575 (575 Wp)	COS TOP-570	22.07	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								COS TOP-575	22.26				
								COS TOP-580	22.45				
								COS TOP-585	22.65				
								COS TOP-590	22.84				
								COS TOP-595	23.03				
								COS TOP-600	23.23				
					ii	Bifacial N-Type TOPCon Modules (Glass to Glass)	COS TOP-535 (535 Wp)	COS TOP-520	21.89	132 (Half Cut Cells)	1500		
								COS TOP-525	22.10				
								COS TOP-530	22.31				
								COS TOP-535	22.52				
								COS TOP-540	22.73				
								COS TOP-545	22.94				
								COS TOP-550	23.15				
					iii	Mono c-Si PERC Modules	COS TWIN-525 (525 Wp)	COS TWIN-510	19.74	144 (Half Cut Cells)	1500		
								COS TWIN-515	19.94				
								COS TWIN-520	20.13				
								COS TWIN-525	20.32				
								COS TWIN-530	20.52				
								COS TWIN-535	20.71				
								COS TWIN-540	20.90				
								COS TWIN-545	21.10				
								COS TWIN-550	21.29				
6	M/s. Raajratna Ventures Limited (Model Addition under Co-ALMM)	Co-ALMM with M/s. Knack Energy Private Limited. Manufacturing Address:	R-72013099	50 (As per CoBranding Agreement)	i	Bifacial N-Type TOPCon Module (Glass to Glass)	R-NG2G-16B-156-630 (630 Wp)	R-NG2G-16B-156-605	21.63	156 (Half Cut Cells)	1500	19.09.2025	23.04.2027
								R-NG2G-16B-156-610	21.81				
								R-NG2G-16B-156-615	21.99				
								R-NG2G-16B-156-620	22.17				
								R-NG2G-16B-156-625	22.35				
								R-NG2G-16B-156-630	22.53				
								R-NG2G-16B-156-635	22.71				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
		Survey No. 291 & 292, Besides Kamla Amrut Industrial Estate, Budasun, Near Hitachi, Jhonson Kadi, Mehsana - 382715,Gujarat, India						R-NG2G-16B-156-640	22.89				
								R-NG2G-16B-156-645	23.07				
								R-NG2G-16B-156-650	23.24				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	R-NG2G-16A-156-630 (630 Wp)	R-NG2G-16A-156-605	21.63	156 (Half Cut Cells)	1500		
								R-NG2G-16A-156-610	21.81				
								R-NG2G-16A-156-615	21.99				
								R-NG2G-16A-156-620	22.17				
								R-NG2G-16A-156-625	22.35				
								R-NG2G-16A-156-630	22.53				
								R-NG2G-16A-156-635	22.71				
								R-NG2G-16A-156-640	22.89				
								R-NG2G-16A-156-645	23.07				
								R-NG2G-16A-156-650	23.24				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	R-NG2G-16B-144-560 (560 Wp)	R-NG2G-16B-144-545	21.10	144 (Half Cut Cells)	1500		
								R-NG2G-16B-144-550	21.29				
								R-NG2G-16B-144-555	21.48				
								R-NG2G-16B-144-560	21.68				
								R-NG2G-16B-144-565	21.87				
								R-NG2G-16B-144-570	22.07				
								R-NG2G-16B-144-575	22.26				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	R-NG2G-16B-144-590 (590 Wp)	R-NG2G-16B-144-580	22.45	144 (Half Cut Cells)	1500		
								R-NG2G-16B-144-585	22.65				
								R-NG2G-16B-144-590	22.84				
								R-NG2G-16B-144-595	23.03				
								R-NG2G-16B-144-600	23.23				
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	R-NG2G-16A-144-560 (560 Wp)	R-NG2G-16A-144-545	21.10	144 (Half Cut Cells)	1500		
								R-NG2G-16A-144-550	21.29				
								R-NG2G-16A-144-555	21.48				
								R-NG2G-16A-144-560	21.68				
								R-NG2G-16A-144-565	21.87				
								R-NG2G-16A-144-570	22.07				
								R-NG2G-16A-144-575	22.26				
					vi	Bifacial N-Type TOPCon Module (Glass to Glass)	R-NG2G-16A-144-590 (590 Wp)	R-NG2G-16A-144-580	22.45	144 (Half Cut Cells)	1500		
								R-NG2G-16A-144-585	22.65				
								R-NG2G-16A-144-590	22.84				
								R-NG2G-16A-144-595	23.03				
								R-NG2G-16A-144-600	23.23				
					vii	Bifacial Mono c-Si PERC Module (Glass to Glass)	R-PG2G-10A-144-530 (530 Wp)	R-PG2G-10A-144-505	19.55	144 (Half Cut Cells)	1500		
								R-PG2G-10A-144-510	19.74				
								R-PG2G-10A-144-515	19.94				
								R-PG2G-10A-144-520	20.13				
								R-PG2G-10A-144-525	20.32				
								R-PG2G-10A-144-530	20.52				
								R-PG2G-10A-144-535	20.71				
								R-PG2G-10A-144-540	20.90				
								R-PG2G-10A-144-545	21.10				
								R-PG2G-10A-144-550	21.29				
								R-PG2G-10A-144-555	21.48				
					viii	Bifacial N-Type TOPCon Module (Glass to Glass)	R-NG2G-16B-132-515 (515 Wp)	R-NG2G-16B-132-495	20.87	132 (Half Cut Cells)	1500		
								R-NG2G-16B-132-500	21.08				
								R-NG2G-16B-132-505	21.29				
								R-NG2G-16B-132-510	21.50				
								R-NG2G-16B-132-515	21.71				
								R-NG2G-16B-132-520	21.92				
								R-NG2G-16B-132-525	22.13				
								R-NG2G-16B-132-530	22.34				
								R-NG2G-16B-132-535	22.55				
								R-NG2G-16B-132-540	22.76				
					ix	Bifacial N-Type TOPCon Module (Glass to Glass)	R-NG2G-16A-132-515 (515 Wp)	R-NG2G-16A-132-495	20.87	132 (Half Cut Cells)	1500		
								R-NG2G-16A-132-500	21.08				
								R-NG2G-16A-132-505	21.29				
								R-NG2G-16A-132-510	21.50				
								R-NG2G-16A-132-515	21.71				
								R-NG2G-16A-132-520	21.92				
								R-NG2G-16A-132-525	22.13				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								R-NG2G-16A-132-530	22.34				
								R-NG2G-16A-132-535	22.55				
								R-NG2G-16A-132-540	22.76				
					x	Bifacial Mono c-Si PERC Module (Glass to Glass)	R-PG2G-10A-132-480 (480 Wp)	R-PG2G-10A-132-460	19.39	132 (Half Cut Cells)	1500		
								R-PG2G-10A-132-465	19.60				
								R-PG2G-10A-132-470	19.81				
								R-PG2G-10A-132-475	20.02				
								R-PG2G-10A-132-480	20.23				
								R-PG2G-10A-132-485	20.44				
								R-PG2G-10A-132-490	20.65				
								R-PG2G-10A-132-495	20.87				
								R-PG2G-10A-132-500	21.08				
					xi	Bifacial N-Type TOPCon Module (Glass to Glass)	R-NG2G-16B-120-470 (470 Wp)	R-NG2G-16B-120-450	20.80	120 (Half Cut Cells)	1500		
								R-NG2G-16B-120-455	21.03				
								R-NG2G-16B-120-460	21.26				
								R-NG2G-16B-120-465	21.49				
								R-NG2G-16B-120-470	21.72				
								R-NG2G-16B-120-475	21.95				
								R-NG2G-16B-120-480	22.18				
								R-NG2G-16B-120-485	22.42				
								R-NG2G-16B-120-490	22.65				
					xii	Bifacial N-Type TOPCon Module (Glass to Glass)	R-NG2G-16A-120-470 (470 Wp)	R-NG2G-16A-120-450	20.80	120 (Half Cut Cells)	1500		
								R-NG2G-16A-120-455	21.03				
								R-NG2G-16A-120-460	21.26				
								R-NG2G-16A-120-465	21.49				
								R-NG2G-16A-120-470	21.72				
								R-NG2G-16A-120-475	21.95				
								R-NG2G-16A-120-480	22.18				
								R-NG2G-16A-120-485	22.42				
								R-NG2G-16A-120-490	22.65				
					xiii	Bifacial Mono c-Si PERC Module (Glass to Glass)	R-PG2G-10A-120-435 (435 Wp)	R-PG2G-10A-120-415	19.18	120 (Half Cut Cells)	1500		
								R-PG2G-10A-120-420	19.41				
								R-PG2G-10A-120-425	19.64				
								R-PG2G-10A-120-430	19.87				
								R-PG2G-10A-120-435	20.10				
								R-PG2G-10A-120-440	20.34				
								R-PG2G-10A-120-445	20.57				
								R-PG2G-10A-120-450	20.80				
								R-PG2G-10A-120-455	21.03				
					xiv	Bifacial N-Type TOPCon Module (Glass to Glass)	R-NG2G-16B-108-425 (425 Wp)	R-NG2G-16B-108-405	20.64	108 (Half Cut Cells)	1500		
								R-NG2G-16B-108-410	20.90				
								R-NG2G-16B-108-415	21.15				
								R-NG2G-16B-108-420	21.41				
								R-NG2G-16B-108-425	21.66				
								R-NG2G-16B-108-430	21.92				
								R-NG2G-16B-108-435	22.17				
								R-NG2G-16B-108-440	22.43				
								R-NG2G-16B-108-445	22.68				
					xv	Bifacial N-Type TOPCon Module (Glass to Glass)	R-NG2G-16A-108-425 (425 Wp)	R-NG2G-16A-108-405	20.64	108 (Half Cut Cells)	1500		
								R-NG2G-16A-108-410	20.90				
								R-NG2G-16A-108-415	21.15				
								R-NG2G-16A-108-420	21.41				
								R-NG2G-16A-108-425	21.66				
								R-NG2G-16A-108-430	21.92				
								R-NG2G-16A-108-435	22.17				
								R-NG2G-16A-108-440	22.43				
								R-NG2G-16A-108-445	22.68				
					xvi	Bifacial Mono c-Si PERC Module (Glass to Glass)	R-PG2G-10A-108-385 (385 Wp)	R-PG2G-10A-108-375	19.11	108 (Half Cut Cells)	1500		
								R-PG2G-10A-108-380	19.37				
								R-PG2G-10A-108-385	19.62				
								R-PG2G-10A-108-390	19.88				
					xvii	Bifacial Mono c-Si PERC Module (Glass to Glass)	R-PG2G-10A-108-405 (405 Wp)	R-PG2G-10A-108-395	20.13	108 (Half Cut Cells)	1500		
								R-PG2G-10A-108-400	20.39				
								R-PG2G-10A-108-405	20.64				
								R-PG2G-10A-108-410	20.90				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
7	M/s. Rajasthan Electronics and Instruments Limited (REIL) (Model Addition under Co-ALMM	Co-ALMM with M/s. Sunbond Energy Private Limited. Manufacturing Address: S.No. 181/P2 Opp. 66 kV substation, Mitana-Padadhari Road , Mitana, Rajkot - 363650, Gujarat, India	R-72013498	10 (As per CoBranding Agreement)	i	Bifacial Mono c-Si PERC Module (Glass to Transperant Backsheet)	RSEPLM10B156-585 (585 Wp)	RSEPLM10B156-565	20.22	156 (Half Cut Cells)	1500	19.09.2025	12.06.2027
								RSEPLM10B156-570	20.40				
								RSEPLM10B156-575	20.58				
								RSEPLM10B156-580	20.76				
								RSEPLM10B156-585	20.94				
								RSEPLM10B156-590	21.12				
								RSEPLM10B156-595	21.29				
								RSEPLM10B156-600	21.47				
					ii	Bifacial Mono c-Si PERC Module (Glass to Transperant Backsheet)	RSEPLM10B144-550 (550 Wp)	RSEPLM10B144-540	20.90	144 (Half Cut Cells)	1500		
								RSEPLM10B144-545	21.10				
								RSEPLM10B144-550	21.29				
								RSEPLM10B144-555	21.48				
								RSEPLM10B144-560	21.68				
					iii	Mono c-Si PERC Module	RSEPLM10-545 (545 Wp)	RSEPLM10-540	20.90	144 (Half Cut Cells)	1500		
								RSEPLM10-545	21.10				
								RSEPLM10-550	21.29				
8	M/s. Emmvee Energy Private Limited (New Addition in ALMM)	Ground, 13/1, 13/2, 14, 15/1, 15/2, 16/1, 16/2, 17/1, 17/2 to 22/3, HSK Logistics Assets (India) Pvt Ltd, B & C Block, NH 648, HSK Logistics Assets (India) Pvt Ltd, Kadaranapura Village, Sulibele - 562129, Bengaluru Rural, Karnataka, India	R-62006050	2229	i	Bifacial N-Type TOPCon Module (Glass to Glass)	E595HCBG144-T (595 Wp)	E605HCBG144-T	23.42	144 (Half Cut Cells)	1500	19.09.2025	18.09.2029
								E600HCBG144-T	23.23				
								E595HCBG144-T	23.03				
								E590HCBG144-T	22.84				
								E585HCBG144-T	22.65				
								E580HCBG144-T	22.45				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	E560HCBG144-T (560 Wp)	E575HCBG144-T	22.26	144 (Half Cut Cells)	1500		
								E570HCBG144-T	22.07				
								E565HCBG144-T	21.87				
								E560HCBG144-T	21.68				
								E555HCBG144-T	21.48				
								E550HCBG144-T	21.29				
								E545HCBG144-T	21.10				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	E515HCBG132-T (515 Wp)	E530HCBG132-T	22.29	132 (Half Cut Cells)	1500		
								E525HCBG132-T	22.08				
								E520HCBG132-T	21.87				
								E515HCBG132-T	21.66				
								E510HCBG132-T	21.45				
								E505HCBG132-T	21.24				
								E500HCBG132-T	21.03				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	E465HCBG120-T (465 Wp)	E480HCBG120-T	22.13	120 (Half Cut Cells).	1500		
								E475HCBG120-T	21.90				
								E470HCBG120-T	21.67				
								E465HCBG120-T	21.44				
								E460HCBG120-T	21.20				
								E455HCBG120-T	20.97				
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	E420HCBG108-T (420 Wp)	E435HCBG108-T	22.30	108 (Half Cut Cells)	1500		
								E430HCBG108-T	22.05				
								E425HCBG108-T	21.79				
								E420HCBG108-T	21.53				
								E415HCBG108-T	21.28				
								E410HCBG108-T	21.02				
9	M/s. Lubi Electronics (Model Addition under Co-ALMM)	Co-ALMM with M/s. Solex Energy Limited Plot No 1A, Block 938, Tadkeshwar, Kim Mandvi Road, Mandvi, Surat - 394110, Gujarat, India	40 (As per CoBranding Agreement)	R-72011304	i	Bifacial N-Type TOPCon Module (Glass to Glass)	LE132MBF600H (600 Wp)	LE132MBF625H	23.14	132 (Half Cut Cells)	1500	19.09.2025	22.08.2026
								LE132MBF620H	22.95				
								LE132MBF615H	22.77				
								LE132MBF610H	22.58				
								LE132MBF605H	22.40				
								LE132MBF600H	22.21				
								LE132MBF595H	22.03				
								LE132MBF590H	21.84				
								LE132MBF585H	21.66				
								LE132MBF580H	21.47				
								LE132MBF575H	21.29				
								LE132MBF570H	21.10				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	LE120MBF540H (540 Wp)	LE120MBF565H	22.94	120 (Half Cut Cells)	1500		
								LE120MBF560H	22.74				
								LE120MBF555H	22.53				
								LE120MBF550H	22.33				
								LE120MBF545H	22.13				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								LE120MBF540H	21.92				
								LE120MBF535H	21.72				
								LE120MBF530H	21.52				
								LE120MBF525H	21.32				
								LE120MBF520H	21.11				
								LE120MBF515H	20.91				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	LE108MBF490H (490 Wp)	LE108MBF510H	22.92	108 (Half Cut Cells)	1500		
								LE108MBF505H	22.70				
								LE108MBF500H	22.47				
								LE108MBF495H	22.25				
								LE108MBF490H	22.02				
								LE108MBF485H	21.80				
								LE108MBF480H	21.57				
								LE108MBF475H	21.35				
								LE108MBF470H	21.12				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	LE96MBF430H (430 Wp)	LE96MBF450H	22.65	96 (Half Cut Cells)	1500		
								LE96MBF445H	22.40				
								LE96MBF440H	22.15				
								LE96MBF435H	21.89				
								LE96MBF430H	21.64				
								LE96MBF425H	21.39				
								LE96MBF420H	21.14				
								LE96MBF415H	20.89				
								LE96MBF410H	20.64				
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	LE84MBF380H (380 Wp)	LE84MBF395H	22.59	84 (Half Cut Cells)	1500		
								LE84MBF390H	22.30				
								LE84MBF585H	22.02				
								LE84MBF380H	21.73				
								LE84MBF375H	21.45				
								LE84MBF370H	21.16				
								LE84MBF365H	20.87				
					vi	Bifacial N-Type TOPCon Module (Glass to Glass)	LE72MBF325H (325 Wp)	LE72MBF340H	22.51	72 (Half Cut Cells)	1500		
								LE72MBF335H	22.18				
								LE72MBF330H	21.85				
								LE72MBF325H	21.52				
								LE72MBF320H	21.19				
								LE72MBF315H	20.85				
								LE72MBF310H	20.52				
					vii	Bifacial N-Type TOPCon Module (Glass to Glass)	LE144MBF585H (585 Wp)	LE144MBF610H	23.61	144 (Half Cut Cells)	1500		
								LE144MBF605H	23.42				
								LE144MBF600H	23.23				
								LE144MBF595H	23.03				
								LE144MBF590H	22.84				
								LE144MBF585H	22.65				
								LE144MBF580H	22.45				
								LE144MBF575H	22.26				
								LE144MBF570H	22.07				
								LE144MBF565H	21.87				
								LE144MBF560H	21.68				
					viii	Bifacial N-Type TOPCon Module (Glass to Glass)	LE132MBF520H (520 Wp)	LE132MBF535H	22.54	132 (Half Cut Cells)	1500		
								LE132MBF530H	22.33				
								LE132MBF525H	22.12				
								LE132MBF520H	21.91				
								LE132MBF515H	21.70				
								LE132MBF510H	21.49				
								LE132MBF505H	21.28				
					ix	Bifacial N-Type TOPCon Module (Glass to Glass)	LE120MBF470H (470 Wp)	LE120MBF485H	22.36	120 (Half Cut Cells)	1500		
								LE120MBF480H	22.13				
								LE120MBF475H	21.90				
								LE120MBF470H	21.67				
								LE120MBF465H	21.44				
								LE120MBF460H	21.20				
					x	Bifacial N-Type TOPCon Module (Glass to Glass)	LE108MBF415H (415 Wp)	LE108MBF435H	22.17	108 (Half Cut Cells)	1500		
								LE108MBF430H	21.92				
								LE108MBF425H	21.66				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								LE108MBF420H	21.41				
								LE108MBF415H	21.15				
					xi	Bifacial N-Type TOPCon Module (Glass to Glass)	LE96MBF380H (380Wp)	LE96MBF390H	22.33	96 (Half Cut Cells)	1500		
								LE96MBF385H	22.05				
								LE96MBF380H	21.76				
								LE96MBF375H	21.47				
								LE96MBF370H	21.19				
					xii	Bifacial N-Type TOPCon Module (Glass to Glass)	LE84MBF330H (330 Wp)	LE84MBF340H	22.13	84 (Half Cut Cells)	1500		
								LE84MBF330H	21.48				
								LE84MBF325H	21.15				
					xiii	Bifacial N-Type TOPCon Module (Glass to Glass)	LE72MBF285H (285 Wp)	LE72MBF290H	21.86	72 (Half Cut Cells)	1500		
								LE72MBF285H	21.48				
								LE72MBF280H	21.10				

Note: In case of model inclusion or capacity addition / change, through revision in ALMM List, the capacity mentioned against any manufacturing unit, as appearing in the said Revision to the ALMM List, shall be the ALMM enlisted manufacturing capacity for that manufacturing unit (from the date of the said revision), and the capacity enlisted for that manufacturing unit should not be interpreted as Sum of (enlisted capacity for that manufacturing unit in previous ALMM list/ previous revision to ALMM List) and (enlisted capacity in the present revision)

F. No. 283/41/2024-GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय / Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003.
Dated: 13th August 2025

OFFICE MEMORANDUM

Sub: Updation of List I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 – Reg.

Ref: (i) MNRE's O.M. No. 283/54/2018-GRID SOLAR–Part(1) dated 10.03.2021
(ii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 10.05.2023;
(iii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 22.03.2024;
(iv) MNRE's O.M. No. 32/33/2024-SPV Division dated 06.05.2025;

Reference is invited to this Ministry's O.M.s of even no. dated 10.03.2021, regarding implementation of Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirement for Compulsory Registration) Order, 2019 and publishing List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019.

2. This Ministry vide its O.M.s referred at (ii), (iii) & (iv) above, inter-alia, directed that only such models of Solar PV Module Manufacturers will be enlisted under ALMM, which comply with the BIS Standards and are having the following minimum module efficiency:

Category	**Application/Use**	**Minimum Module Efficiency required to be eligible for enlistment in ALMM for solar PV modules**	
		For c-Si technology based solar PV modules	**For CdTe thin film technology based solar PV modules**
Category-I	Utility/Grid Scale Power Plants	20.00%	19.00%
Category-II	Rooftop and Solar Pumping	19.50%	18.50%
Category-III	Off-grid projects/applications like solar lamps, solar lights, solar street lights, solar fans, etc. (other than solar powered agricultural pumps and solar PV rooftops) requiring individual capacity of each solar PV module deployed, to be of less than 200 Watt peak	18.00%	18.00%
		(not to be included in main ALMM List-I but to be included in a separate ALMM list called ALMM List-I (DRE)	
Category-IV	Any other application	19.00%	18.00%

3. Post the aforesaid O.M. dated 10.05.2023 and subsequent O.M.s dated 22.03.2024 and 06.05.2025, only such models of Solar PV Modules have been considered for enlistment under ALMM List-I, whose module efficiency is meeting the eligibility criteria as mentioned in table at para-2 above.

4. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 was last updated on 30.06.2025.

5. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 is hereby further revised and the Revision-XLI *(in the format of additions / modifications to Revision-XL)* is enclosed at Annexure-I. The last revision no. XL dated 30.06.2025 along with provisional enlistments therein *(excluding those which have been removed on account of inclusion in main ALMM List-I)* is at pages after Annexure-I.

6. The ALMM enlistment validity is subject to valid BIS Registration; else deemed to be delisted.

7. The details of Registration No. (R. No.) which has been allotted by BIS is mentioned against each manufacturer / manufacturing unit enlisted in ALMM and further details related to BIS certification like validity, models included, etc. may be checked from BIS website by using the following link:
https://www.crsbis.in/BIS/Lims_registrationc.do?hmode=getLimsData

8. This issues with the approval of competent authority.

(Sanjay G. Karndhar)
Scientist-E
E-mail: karndhar.sg@nic.in

Encl: as above

To: All Concerned
Copy to: Director (Technical), NIC, MNRE for uploading this document on MNRE's website

Annexure-I
Revision-XLI

A. Amendments/ Updations in previous lists of ALMM List-I

1. **M/s. TP Solar Limited** (ALMM list for solar PV modules issued on 27.03.2024 => Sl. No. 54) - The efficiencies of the models at pt. ii, iii, ix & x of ALMM List, are updated as in the table below: -

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)
02	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP520HG10B (520Wp)	TP500HG10B	19.36
			TP505HG10B	19.55
			TP510HG10B	19.74
			TP515HG10B	19.94
			TP520HG10B	20.13
			TP525HG10B	20.32
			TP530HG10B	20.52
			TP535HG10B	20.71
			TP540HG10B	20.90
03	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP550HG10B (550 Wp)	TP545HG10B	21.10
			TP550HG10B	21.29
			TP555HG10B	21.48
09	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP520HG10TB (520Wp)	TP500HG10TB	19.36
			TP505HG10TB	19.55
			TP510HG10TB	19.74
			TP515HG10TB	19.94
			TP520HG10TB	20.13
			TP525HG10TB	20.32
			TP530HG10TB	20.52
			TP535HG10TB	20.71
			TP540HG10TB	20.90
10	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP550HG10TB (550 Wp)	TP545HG10TB	21.10
			TP550HG10TB	21.29
			TP555HG10TB	21.48

2. **M/s. ADM Solar Power & Infrastructure Pvt. Ltd.** (ALMM list for solar PV modules issued on 27.03.2025 => Sl. No. 66) - The enlisted modules are updated as in the table below:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (V)
1	Mono c-Si PERC Module	ADM270 (270Wp)	ADM265	20.14	72 (Half Cut Cells)	1500
			ADM270	20.52		
			ADM275	20.90		
2	Mono c-Si PERC Module	ADM360 (360Wp)	ADM350	19.93	96 (Half Cut Cells)	1500
			ADM355	20.22		
			ADM360	20.50		
			ADM365	20.79		
			ADM370	21.07		
3	Mono c-Si PERC Module	ADM405 (405Wp)	ADM400	20.33	108 (Half Cut Cells)	1500
			ADM405	20.58		
			ADM410	20.83		
4	Mono c-Si PERC Module	ADM450 (450Wp)	ADM445	20.43	120 (Half Cut Cells)	1500
			ADM450	20.66		
			ADM455	20.89		
5	Mono c-Si PERC Module	ADM500 (500Wp)	ADM485	20.31	132 (Half Cut Cells)	1500
			ADM490	20.52		
			ADM495	20.73		
			ADM500	20.94		
			ADM505	21.15		
6	Mono c-Si PERC Module	ADM525-144M (525Wp)	ADM520	20.16	144 (Half Cut Cells)	1500
			ADM525	20.35		
			ADM530	20.51		
			ADM535	20.71		
			ADM540	20.90		
			ADM545	21.09		
			ADM550	21.29		
7	Mono c-Si PERC Module	ADM590 (590Wp)	ADM575	20.57	156 (Half Cut Cells)	1500
			ADM580	20.74		
			ADM585	20.92		
			ADM590	21.10		

3. **M/s. Unique Sun Power LLP** (ALMM list for solar PV modules issued on 21.05.2025 => Sl. No. 4) Name of M/s. Unique Sun Power LLP has been changed to **M/s. Unique Sun Power Private Limited**

Annexure-I
Revision-XLI

B. New additions on 13/08/2025 in the List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
1	**M/s. Arkalight Solar Private Limited (New Addition in ALMM)**	Block No. 344, Arkalight Solar Private limited, Karanj, 344, Mandvi, Surat -394110, Gujarat, India	R-72012661	506	i	Bifacial N-Type TOPCon Module (Glass to Glass)	AS-590-N-72H-GG (590 Wp)	AS-570-N-72H-GG	22.07	144 (Half Cut Cells)	1500	13.08.2025	12.08.2029
								AS-575-N-72H-GG	22.26				
								AS-580-N-72H-GG	22.45				
								AS-585-N-72H-GG	22.65				
								AS-590-N-72H-GG	22.84				
								AS-595-N-72H-GG	23.03				
								AS-600-N-72H-GG	23.23				
								AS-605-N-72H-GG	23.42				
								AS-610-N-72H-GG	23.61				
2	**M/s. MKTEK Solpower India Private Limited (New Addition in ALMM)**	6-16, 6/1/1 1-2, Khewat No. 447, Khasra No. 189/4 2-14 5/1, Bhattu Kalan, Kirdhan, Fatehabad - 125053, Haryana, India	R-91017639	46	i	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	MK144CMB540Wp (540 Wp)	MK144CMB560Wp	21.68	144 (Half Cut Cells)	1500	13.08.2025	12.08.2029
								MK144CMB555Wp	21.48				
								MK144CMB550Wp	21.29				
								MK144CMB545Wp	21.10				
								MK144CMB540Wp	20.90				
								MK144CMB535Wp	20.71				
								MK144CMB530Wp	20.52				
								MK144CMB525Wp	20.32				
								MK144CMB520Wp	20.13				
					ii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	MK132CMB500Wp (500 Wp)	MK132CMB510Wp	21.48	132 (Half Cut Cells)	1500		
								MK132CMB505Wp	21.27				
								MK132CMB500Wp	21.06				
								MK132CMB495Wp	20.85				
								MK132CMB490Wp	20.64				
					iii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	MK120CMB440Wp (440 Wp)	MK120CMB450Wp	20.80	120 (Half Cut Cells)	1500		
								MK120CMB445Wp	20.57				
								MK120CMB440Wp	20.34				
								MK120CMB435Wp	20.10				
								MK120CMB430Wp	19.87				
								MK120CMB425Wp	19.64				
								MK120CMB420Wp	19.41				
					iv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	MK108CMB400Wp (400 Wp)	MK108CMB410Wp	21.00	108 (Half Cut Cells)	1500		
								MK108CMB405Wp	20.74				
								MK108CMB400Wp	20.48				
								MK108CMB395Wp	20.23				
								MK108CMB390Wp	19.97				
					v	Mono c-Si PERC Module	MK144WMB540Wp (540 Wp)	MK144WMB560Wp	21.68	144 (Half Cut Cells)	1500		
								MK144WMB555Wp	21.48				
								MK144WMB550Wp	21.29				
								MK144WMB545Wp	21.10				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								MK144WMB540Wp	20.90				
								MK144WMB535Wp	20.71				
								MK144WMB530Wp	20.52				
								MK144WMB525Wp	20.32				
								MK144WMB520Wp	20.13				
					vi	Mono c-Si PERC Module	MK132WMB500Wp (500 Wp)	MK132WMB510Wp	21.48	132 (Half Cut Cells)	1500		
								MK132WMB505Wp	21.27				
								MK132WMB500Wp	21.06				
								MK132WMB495Wp	20.85				
								MK132WMB490Wp	20.64				
					vii	Mono c-Si PERC Module	MK120WMB440Wp (440 Wp)	MK120WMB450Wp	20.80	120 (Half Cut Cells)	1500		
								MK120WMB445Wp	20.57				
								MK120WMB440Wp	20.34				
								MK120WMB435Wp	20.10				
								MK120WMB430Wp	19.87				
								MK120WMB425Wp	19.64				
								MK120WMB420Wp	19.41				
					viii	Mono c-Si PERC Module	MK108WMB400Wp (400 Wp)	MK108WMB410Wp	21.00	108 (Half Cut Cells)	1500		
								MK108WMB405Wp	20.74				
								MK108WMB400Wp	20.48				
								MK108WMB395Wp	20.23				
								MK108WMB390Wp	19.97				
3	**M/s. Onix-Tech Renewable Private Limited (New Addition in ALMM)**	Plot No. P212 B, Gate No. 2, Metoda Lodhika, GIDC Metoda-Rajkot Road - 360021, Gujarat, India	R-72012360	56	i	Mono c-Si PERC Module	OTR144CMBF545Wp (545 Wp)	OTR144CMBF560Wp	21.70	144 (Half Cut Cells)	1500	13.08.2025	12.08.2029
								OTR144CMBF555Wp	21.50				
								OTR144CMBF550Wp	21.31				
								OTR144CMBF545Wp	21.12				
								OTR144CMBF540Wp	20.92				
								OTR144CMBF535Wp	20.73				
								OTR144CMBF530Wp	20.53				
								OTR144CMBF525Wp	20.34				
								OTR144CMBF520Wp	20.15				
					ii	Mono c-Si PERC Module	OTR144CMD535Wp (535 Wp)	OTR144CMD550Wp	21.31	144 (Half Cut Cells)	1500		
								OTR144CMD545Wp	21.12				
								OTR144CMD540Wp	20.92				
								OTR144CMD535Wp	20.73				
								OTR144CMD530Wp	20.53				
								OTR144CMD525Wp	20.34				
								OTR144CMD520Wp	20.15				
4	**M/s. Mundra Solar PV Limited (Model Addition +**	Survey No 180P, Co Mundra Solar, Technopark Pvt. Ltd,	R-72008532	2185	i	Bifacial N Type-TOPCon (Glass to Glass)	AB-G12R-132-595 (595 Wp)	AB-G12R-132-585	21.68	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								AB-G12R-132-590	21.86				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
	Capacity Addition)	Electronic manufacturing Cluster EMC, Village Vandh & Tunda, Mundra, Kutch Adani Ports & SEZ, Tunda, Kachchh -370435, Gujarat						AB-G12R-132-595	22.05				
								AB-G12R-132-600	22.23				
								AB-G12R-132-605	22.42				
								AB-G12R-132-610	22.60				
								AB-G12R-132-615	22.79				
								AB-G12R-132-620	22.97				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	ASB-M10-144-585 (585 Wp)	ASB-M10-144-585	22.67	144 (Half Cut Cells)	1500		
5	**M/s. Credence Solar Panels Private Limited (Model Addition)**	Plot no 18 and 19, Survey No 142/2, RajkotJamnagar highway, Padadhari - 360110, Rajkot, Gujarat, India	R-72006165	495	i	Bifacial N-Type TOPCon Module (Glass to Glass)	CS-QBT725-132 (725 Wp)	CS-QBT715-132	23.02	132 (Half Cut Cells)	1500	21.04.2025	20.04.2029
								CS-QBT720-132	23.18				
								CS-QBT725-132	23.34				
								CS-QBT730-132	23.50				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	CS-QBT660-120 (660 Wp)	CS-QBT650-120	22.96	120 (Half Cut Cells)	1500		
								CS-QBT655-120	23.13				
								CS-QBT660-120	23.31				
								CS-QBT665-120	23.49				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	CS-QBT605-110 (605 Wp)	CS-QBT595-110	22.77	110 (Half Cut Cells)	1500		
								CS-QBT600-110	22.96				
								CS-QBT605-110	23.15				
								CS-QBT610-110	23.35				
6	**M/s. FS India Solar Ventures Private Limited (Model Addition + Capacity Addition)**	Plot No. A-1/1, Sipcot Industrial Park, Pillaipakkam - 602105, Tamil Nadu, India	R-61004316	3433	i	Cadmium Telluride Thin Film Module	FS-7525-TR1 (525 Wp)	FS-7505-TR1	18.06	268 (Thin Film Cells)	1500	29.04.2024	28.04.2028
								FS-7510-TR1	18.24				
								FS-7515-TR1	18.41				
								FS-7520-TR1	18.59				
								FS-7525-TR1	18.77				
								FS-7530-TR1	18.95				
								FS-7532-TR1	19.02				
								FS-7535-TR1	19.13				
								FS-7540-TR1	19.31				
								FS-7545-TR1	19.49				
					ii	Cadmium Telluride Thin Film Module	FS-7525A-TR1 (525 Wp)	FS-7505A-TR1	18.06	268 (Thin Film Cells)	1500		
								FS-7510A-TR1	18.24				
								FS-7515A-TR1	18.41				
								FS-7520A-TR1	18.59				
								FS-7525A-TR1	18.77				
								FS-7530A-TR1	18.95				
								FS-7532A-TR1	19.02				
								FS-7535A-TR1	19.13				
								FS-7540A-TR1	19.31				
								FS-7545A-TR1	19.49				
					iii	Cadmium Telluride Thin Film Module	FS-7545-FT1 (545 Wp)	FS-7545-FT1	19.49	268 (Thin Film Cells)	1500		
					iv	Cadmium Telluride Thin Film Module	FS-7545A-FT1 (545 Wp)	FS-7545A-FT1	19.49	268 (Thin Film Cells)	1500		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
7	**M/s. ReNew Photovoltaics Private Limited (Model Addition + Capacity Addition)**	Plot No. 232, TP-2/A, Dholera Special Investment Region, Dholera, Ahmedabad - 382455, Gujarat, India	R-72009903	1884	i	Bifacial N Type TOPCon Modules (Glass to Glass)	RPS2MH72BD590 (590 Wp)	RPS2MH72BD570	22.07	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								RPS2MH72BD575	22.26				
								RPS2MH72BD580	22.45				
								RPS2MH72BD585	22.65				
								RPS2MH72BD590	22.84				
								RPS2MH72BD595	23.03				
								RPS2MH72BD600	23.23				
								RPS2MH72BD605	23.42				
								RPS2MH72BD610	23.61				
8	**M/s. Indosol Solar Private Limited (Model Addition + Capacity Addition)**	Sy. Nos. 584/9, 584/10,584/11, Chevuru Village, Gudluru Mandal, Nellore District - 500016, Andhra Pradesh , India	R-66003000	632	i	Bifacial N-Type TOPCon Module (Glass to Glass)	ISTD3M16BN0410 (410 Wp)	ISTD3M16BN0430	22.02	108 (Half Cut Cells)	1500	21.05.2025	20.05.2029
								ISTD3M16BN0425	21.76				
								ISTD3M16BN0420	21.51				
								ISTD3M16BN0415	21.25				
								ISTD3M16BN0410	21.00				
								ISTD3M16BN0405	20.74				
								ISTD3M16BN0400	20.48				
								ISTD3M16BN0395	20.23				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	ISTD3M16BN1475 (475 Wp)	ISTD3M16BN1480	22.18	120 (Half Cut Cells)	1500		
								ISTD3M16BN1475	21.95				
								ISTD3M16BN1470	21.72				
								ISTD3M16BN1465	21.49				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	ISTD3M16BN1450 (450 Wp)	ISTD3M16BN1460	21.26	120 (Half Cut Cells)	1500		
								ISTD3M16BN1455	21.03				
								ISTD3M16BN1450	20.80				
								ISTD3M16BN1445	20.57				
								ISTD3M16BN1440	20.34				
								ISTD3M16BN1435	20.10				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	ISTD3M16BN2510 (510 Wp)	ISTD3M16BN2530	22.33	132 (Half Cut Cells)	1500		
								ISTD3M16BN2525	22.12				
								ISTD3M16BN2520	21.91				
								ISTD3M16BN2515	21.70				
								ISTD3M16BN2510	21.49				
								ISTD3M16BN2505	21.28				
								ISTD3M16BN2500	21.07				
								ISTD3M16BN2495	20.86				
								ISTD3M16BN2490	20.64				
								ISTD3M16BN2485	20.43				
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	ISTD3M16BN4580 (580 Wp)	ISTD3M16BN4590	22.84	144 (Half Cut Cells)	1500		
								ISTD3M16BN4585	22.65				
								ISTD3M16BN4580	22.45				
								ISTD3M16BN4575	22.26				
								ISTD3M16BN4570	22.07				
								ISTD3M16BN4565	21.87				
					vi	Bifacial N-Type TOPCon Module (Glass to Glass)	ISTD3M16BN4550 (550 Wp)	ISTD3M16BN4560	21.68	144 (Half Cut Cells)	1500		
								ISTD3M16BN4555	21.48				
								ISTD3M16BN4550	21.29				
								ISTD3M16BN4545	21.10				
								ISTD3M16BN4540	20.90				
								ISTD3M16BN4535	20.71				
9	**M/s. Avco Power Private Limited (New Addition in ALMM)**	New survey No.-1154, (old Survey No. 81+106-P3/P1), Opposite Raymond's Factory, Village-Khadki, Pardi, Valsad - 396185, Gujarat, India	R-72012432	185	i	Mono c-Si PERC Module	ESBT570-156 (570 Wp)	ESBT560-156	20.06	156 (Half Cut Cells)	1500	13.08.2025	12.08.2029
								ESBT565-156	20.24				
								ESBT570-156	20.42				
								ESBT575-156	20.60				
								ESBT580-156	20.78				
								ESBT585-156	20.95				
					ii	Mono c-Si PERC Module	ESBT535-144 (535 Wp)	ESBT520-144	20.15	144 (Half Cut Cells)	1500		
								ESBT525-144	20.34				
								ESBT530-144	20.53				
								ESBT535-144	20.73				
								ESBT540-144	20.92				
								ESBT545-144	21.12				
								ESBT550-144	21.31				
					iii	Mono c-Si PERC	ESBT485-132	ESBT470-132	19.82	132 (Half Cut Cells)	1500		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
						Module	(485 Wp)	ESBT475-132	20.03				
								ESBT480-132	20.24				
								ESBT485-132	20.45				
								ESBT490-132	20.66				
								ESBT495-132	20.87				
								ESBT500-132	21.08				
					iv	Mono c-Si PERC Module	ESBT445-120 (445 Wp)	ESBT430-120	19.83	120 (Half Cut Cells)	1500		
								ESBT435-120	20.06				
								ESBT440-120	20.29				
								ESBT445-120	20.52				
								ESBT450-120	20.75				
								ESBT455-120	20.98				
					v	Mono c-Si PERC Module	ESBT405-108 (405 Wp)	ESBT390-108	19.85	108 (Half Cut Cells)	1500		
								ESBT395-108	20.11				
								ESBT400-108	20.36				
								ESBT405-108	20.61				
								ESBT410-108	20.87				
								ESBT415-108	21.12				
								ESBT420-108	21.38				
10	**M/s. Northgreen Energy Pvt Ltd (New Addition in ALMM)**	Shed No.1 Manvi Estate, Saijapur Gopalpur, Piplaj, Shahwadi Road, Near Chitipal Industrial Road, Narol Gam, Ahmedabad - 382405, Gujarat, India	R-72011339	29	i	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	NG96H345MB (345 Wp)	NG96H360MB	20.33	96 (Half Cut Cells)	1500	13.08.2025	12.08.2029
								NG96H355MB	20.33				
								NG96H350MB	20.05				
								NG96H345MB	19.76				
								NG96H340MB	19.47				
								NG96H335MB	19.19				
					ii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	NG108H400MB (400 Wp)	NG108H410MB	20.97	108 (Half Cut Cells)	1500		
								NG108H405MB	20.71				
								NG108H400MB	20.45				
								NG108H395MB	20.20				
					iii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	NG108H380MB (380 Wp)	NG108H390MB	19.94	108 (Half Cut Cells)	1500		
								NG108H385MB	19.69				
								NG108H380MB	19.43				
								NG108H375MB	19.18				
					iv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	NG120H440MB (440 Wp)	NG120H460MB	21.23	120 (Half Cut Cells)	1500		
								NG120H455MB	21.00				
								NG120H450MB	20.77				
								NG120H445MB	20.54				
								NG120H440MB	20.31				
								NG120H435MB	20.08				
								NG120H430MB	19.85				
								NG120H425MB	19.62				
								NG120H420MB	19.39				
					v	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	NG132H480MB (480 Wp)	NG132H500MB	21.06	132 (Half Cut Cells)	1500		
								NG132H495MB	20.85				
								NG132H490MB	20.64				
								NG132H485MB	20.43				
								NG132H480MB	20.22				
								NG132H475MB	20.01				
								NG132H470MB	19.80				
								NG132H465MB	19.59				
					vi	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	NG144H525MB (525 Wp)	NG144H545MB	21.12	144 (Half Cut Cells)	1500		
								NG144H540MB	20.92				
								NG144H535MB	20.73				
								NG144H530MB	20.53				
								NG144H525MB	20.34				
								NG144H520MB	20.15				
								NG144H515MB	19.95				
								NG144H510MB	19.76				
								NG144H505MB	19.57				
11	**M/s. Ganesh Green Bharat Limited,**	Survey No. 319/320/321, Tundali,	R - 72005886	557	i	Bifacial N TypeTOPCon	SGTP156BG-615 (615 WP)	SGTP156BG-630	22.54	156 (Half Cut Cell)	1500	25.01.2025	24.01.2029
								SGTP156BG-625	22.36				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
	Mehsna, Gujarat (Model Addition + Capacity Change)	Tundali approach road, Behind Honest Restaurant, Near Nadasan Flyover, Mehsna - 382732, Gujarat, India				Module (Glass to Glass)		SGTP156BG-620	22.18				
								SGTP156BG-615	22.00				
								SGTP156BG-610	21.82				
								SGTP156BG-605	21.64				
								SGTP156BG-600	21.46				
								SGTP156BG-595	21.29				
					ii	Bifacial N TypeTOPCon Module (Glass to Glass)	SGTP 144BG-575 (575 WP)	SGTP144BG-600	23.23	144 (Half Cut Cell)	1500		
								SGTP144BG-595	23.03				
								SGTP144BG-590	22.84				
								SGTP144BG-585	22.65				
								SGTP144BG-580	22.45				
								SGTP144BG-575	22.26				
								SGTP144BG-570	22.07				
								SGTP144BG-565	21.87				
								SGTP144BG-560	21.68				
								SGTP144BG-555	21.48				
					iii	Bifacial N TypeTOPCon Module (Glass to Glass)	SGTP 132BG-530 (530 WP)	SGTP132BG-555	23.37	132 (Half Cut Cell)	1500		
								SGTP132BG-550	23.16				
								SGTP132BG-545	22.95				
								SGTP132BG-540	22.74				
								SGTP132BG-535	22.53				
								SGTP132BG-530	22.32				
								SGTP132BG-525	22.11				
								SGTP132BG-520	21.90				
								SGTP132BG-515	21.69				
								SGTP132BG-510	21.48				
					iv	Bifacial N TypeTOPCon Module (Glass to Glass)	SGTP 120BG-480 (480 WP)	SGTP120BG-500	23.10	120 (Half Cut Cell)	1500		
								SGTP120BG-495	22.87				
								SGTP120BG-490	22.63				
								SGTP120BG-485	22.40				
								SGTP120BG-480	22.17				
								SGTP120BG-475	21.94				
								SGTP120BG-470	21.71				
								SGTP120BG-465	21.48				
								SGTP120BG-460	21.25				
					v	Bifacial N TypeTOPCon Module (Glass to Glass)	SGTP 108BG-430 (430 WP)	SGTP108BG-450	23.04	108 (Half Cut Cell)	1500		
								SGTP108BG-445	22.79				
								SGTP108BG-440	22.53				
								SGTP108BG-435	22.28				
								SGTP108BG-430	22.02				
								SGTP108BG-425	21.76				
								SGTP108BG-420	21.51				
								SGTP108BG-415	21.25				
								SGTP108BG-410	21.00				
					vi	Bifacial N-Type TOPCon Module (Glass to Transparent Backseet)	SGTP156BT-615 (615 WP)	SGTP156BT-630	22.54	156 (Half Cut Cell)	1500		
								SGTP156BT-625	22.36				
								SGTP156BT-620	22.18				
								SGTP156BT-615	22.00				
								SGTP156BT-610	21.82				
								SGTP156BT-605	21.64				
								SGTP156BT-600	21.46				
								SGTP156BT-595	21.29				
					vii	Bifacial N-Type TOPCon Module (Glass to Transparent Backseet)	SGTP 144BT-575 (575 WP)	SGTP144BT-600	23.23	144 (Half Cut Cell)	1500		
								SGTP144BT-595	23.03				
								SGTP144BT-590	22.84				
								SGTP144BT-585	22.65				
								SGTP144BT-580	22.45				
								SGTP144BT-575	22.26				
								SGTP144BT-570	22.07				
								SGTP144BT-565	21.87				
								SGTP144BT-560	21.68				
								SGTP144BT-555	21.48				
					viii	Bifacial	SGTP 132BT-530	SGTP132BT-555	23.37	132 (Half Cut Cell)	1500		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
						N-Type TOPCon Module (Glass to Transparent Backseet)	(530 WP)	SGTP132BT-550	23.16				
								SGTP132BT-545	22.95				
								SGTP132BT-540	22.74				
								SGTP132BT-535	22.53				
								SGTP132BT-530	22.32				
								SGTP132BT-525	22.11				
								SGTP132BT-520	21.90				
								SGTP132BT-515	21.69				
								SGTP132BT-510	21.48				
					ix	Bifacial N-Type TOPCon Module (Glass to Transparent Backseet)	SGTP 120BT-480 (480 WP)	SGTP120BT-500	23.10	120 (Half Cut Cell)	1500		
								SGTP120BT-495	22.87				
								SGTP120BT-490	22.63				
								SGTP120BT-485	22.40				
								SGTP120BT-480	22.17				
								SGTP120BT-475	21.94				
								SGTP120BT-470	21.71				
								SGTP120BT-465	21.48				
								SGTP120BT-460	21.25				
					x	Bifacial N-Type TOPCon Module (Glass to Transparent Backseet)	SGTP 108BT-430 (430 WP)	SGTP108BT-450	23.04	108 (Half Cut Cell)	1500		
								SGTP108BT-445	22.79				
								SGTP108BT-440	22.53				
								SGTP108BT-435	22.28				
								SGTP108BT-430	22.02				
								SGTP108BT-425	21.76				
								SGTP108BT-420	21.51				
								SGTP108BT-415	21.25				
								SGTP108BT-410	21.00				
12	**M/s. Integrated Batteries India Pvt Ltd, Greater Noida, Uttar Pradesh (Model Addition + Capacity Addition)**	Plot No. 40, Sector - 10, Greater Noida - 201310, Uttar Pradesh, India	R-93017612	284	i	Bifacial N-Type TOPCon Module (Glass to Glass)	IBMPH-620 (620 Wp)	IBMPH-605	21.62	156 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								IBMPH-610	21.79				
								IBMPH-615	21.97				
								IBMPH-620	22.15				
								IBMPH-625	22.33				
								IBMPH-630	22.51				
								IBMPH-635	22.69				
								IBMPH-640	22.87				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	IBMPH-575 (575 Wp)	IBMPH-550	21.29	144 (Half Cut Cells)	1500		
								IBMPH-555	21.48				
								IBMPH-560	21.68				
								IBMPH-565	21.87				
								IBMPH-570	22.07				
								IBMPH-575	22.26				
								IBMPH-580	22.45				
								IBMPH-585	22.65				
								IBMPH-590	22.84				
								IBMPH-595	23.03				
								IBMPH-600	23.23				
13	**M/s. ECE (India) Energies Pvt. Ltd, Amravati, Maharashtra, (Model Addition + Capacity Change)**	F-27, Express Highway, MIDC, Amravati-444607, Maharashtra, India	R-71012220	39	i	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ECE096M355 (355 Wp)	ECE096M350	20.12	96 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								ECE096M355	20.41				
								ECE096M360	20.69				
								ECE096M365	20.98				
					ii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ECE108M400 (400 Wp)	ECE108M390	20.00	108 (Half Cut Cells)	1500		
								ECE108M395	20.25				
								ECE108M400	20.51				
								ECE108M405	20.76				
								ECE108M410	21.02				
					iii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ECE120M445 (445 Wp)	ECE120M435	20.13	120 (Half Cut Cells)	1500		
								ECE120M440	20.36				
								ECE120M445	20.59				
								ECE120M450	20.82				
								ECE120M455	21.05				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					iv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ECE132M490 (490 Wp)	ECE132M480	20.23	132 (Half Cut Cells)	1500		
								ECE132M485	20.44				
								ECE132M490	20.65				
								ECE132M495	20.87				
								ECE132M500	21.08				
					v	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ECE144M545 (545 Wp)	ECE144M525	20.32	144 (Half Cut Cells)	1500		
								ECE144M530	20.52				
								ECE144M535	20.71				
								ECE144M540	20.90				
								ECE144M545	21.10				
								ECE144M550	21.29				
								ECE144M555	21.48				
								ECE144M560	21.68				
					vi	Bifacial N-Type TOPCon Module (Glass to Glass)	ECE144T580 (580Wp)	ECE144T565	21.87	144 (Half Cut Cells)	1500		
								ECE144T570	22.07				
								ECE144T575	22.26				
								ECE144T580	22.45				
								ECE144T585	22.65				
								ECE144T590	22.84				
								ECE144T595	23.03				
								ECE144T600	23.23				
					vii	Bifacial N-Type TOPCon Module (Glass to Glass)	ECE132T535 (535Wp)	ECE132T515	21.71	132 (Half Cut Cells)	1500		
								ECE132T520	21.92				
								ECE132T525	22.13				
								ECE132T530	22.34				
								ECE132T535	22.55				
								ECE132T540	22.76				
								ECE132T545	22.97				
								ECE132T550	23.18				
					viii	Bifacial N-Type TOPCon Module (Glass to Glass)	ECE120T480 (480Wp)	ECE120T465	21.51	120 (Half Cut Cells)	1500		
								ECE120T470	21.75				
								ECE120T475	21.98				
								ECE120T480	22.21				
								ECE120T485	22.44				
								ECE120T490	22.67				
								ECE120T495	22.90				
								ECE120T500	23.13				
					ix	Bifacial N-Type TOPCon Module (Glass to Glass)	ECE108T435 (435Wp)	ECE108T420	21.53	108 (Half Cut Cells)	1500		
								ECE108T425	21.79				
								ECE108T430	22.05				
								ECE108T435	22.30				
								ECE108T440	22.56				
								ECE108T445	22.81				
								ECE108T450	23.07				
								ECE108T455	23.33				
					x	Bifacial N-Type TOPCon Module (Glass to Glass)	ECE096T390 (390Wp)	ECE096T375	21.56	96 (Half Cut Cells)	1500		
								ECE096T380	21.84				
								ECE096T385	22.13				
								ECE096T390	22.42				
								ECE096T395	22.71				
								ECE096T400	22.99				
								ECE096T405	23.28				
					xi	Bifacial N-Type TOPCon Module (Glass to Glass)	ECE096T370 (370Wp)	ECE096T370	21.27	96 (Half Cut Cells)	1500		
					xii	Bifacial N-Type TOPCon Module (Glass to Glass)	ECE072T295 (295Wp)	ECE072T295	19.23	72 (Half Cut Cells)	1500		
								ECE072T300	19.55				
								ECE072T305	19.88				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
14	**M/s. ECE (India) Energies Pvt. Ltd. (Co-ALMM)**	Co-ALMM with M/s. Ganesh Green Bharat Limited Manufacturing Address: Survey No. 319/320/321, Tundali, Tundali approach road, Behind Honest Restaurant, Near Nadasan Flyover, Mehsna - 382732, Gujarat, India	R-72012203	100 (As per Co-branding Agreement	i	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ECE144M535 (535 Wp)	ECE144M520	20.13	144 (Half Cut Cells)	1500	13.08.2025	18.12.2026
								ECE144M525	20.32				
								ECE144M530	20.52				
								ECE144M535	20.71				
								ECE144M540	20.90				
								ECE144M545	21.10				
								ECE144M550	21.29				
					ii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ECE132M455 (455 Wp)	ECE132M455	19.16	132 (Half Cut Cells)	1500		
					iii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ECE132M480 (480 Wp)	ECE132M460	19.37	132 (Half Cut Cells)	1500		
								ECE132M465	19.58				
								ECE132M470	19.79				
								ECE132M475	20.00				
								ECE132M480	20.21				
								ECE132M485	20.42				
								ECE132M490	20.64				
								ECE132M495	20.85				
								ECE132M500	21.06				
					iv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ECE120M435 (435 Wp)	ECE120M415	19.16	120 (Half Cut Cells)	1500		
								ECE120M420	19.39				
								ECE120M425	19.62				
								ECE120M430	19.85				
								ECE120M435	20.08				
								ECE120M440	20.31				
								ECE120M445	20.55				
								ECE120M450	20.78				
								ECE120M455	21.01				
					v	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ECE108M385 (385 Wp)	ECE108M375	19.16	108 (Half Cut Cells)	1500		
								ECE108M380	19.41				
								ECE108M385	19.67				
								ECE108M390	19.93				
								ECE108M395	20.18				
15	**M/s. Novasys Greenergy Limited (Formerly known as M/s. Novasys Greenergy Private Limited) (Model Addition + Capacity Addition)**	Khasra No. 185, Mouza: Mahalgaon, Tehsil: Kamptee, Nagpur-441202, Maharashtra, India	R-71010499	504	i	Bifacial N-Type TOPCon Module (Glass to Glass)	NOVA275TG72 (275 Wp)	NOVA275TG72	20.21	72 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	NOVA290TG72 (290 Wp)	NOVA280TG72	20.58	72 (Half Cut Cells)	1500		
								NOVA285TG72	20.94				
								NOVA290TG72	21.31				
								NOVA295TG72	21.68				
								NOVA300TG72	22.05				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	NOVA335TG84 (335 Wp)	NOVA320TG84	20.39	84 (Half Cut Cells)	1500		
								NOVA325TG84	20.71				
								NOVA330TG84	21.03				
								NOVA335TG84	21.34				
								NOVA340TG84	21.66				
								NOVA345TG84	21.98				
								NOVA350TG84	22.30				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	NOVA365TG96 (365 Wp)	NOVA365TG96	20.53	96 (Half Cut Cells)	1500		
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	NOVA385TG96 (385 Wp)	NOVA370TG96	20.81	96 (Half Cut Cells)	1500		
								NOVA375TG96	21.09				
								NOVA380TG96	21.37				
								NOVA385TG96	21.65				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								NOVA390TG96	21.93				
								NOVA395TG96	22.21				
								NOVA400TG96	22.50				
					vi	Bifacial N-Type TOPCon Module (Glass to Glass)	NOVA430TG108 (430 Wp)	NOVA410TG108	20.64	108 (Half Cut Cells)	1500		
								NOVA415TG108	20.89				
								NOVA420TG108	21.14				
								NOVA425TG108	21.39				
								NOVA430TG108	21.64				
								NOVA435TG108	21.89				
								NOVA440TG108	22.15				
								NOVA445TG108	22.40				
								NOVA450TG108	22.65				
					vii	Bifacial N-Type TOPCon Module (Glass to Glass)	NOVA455TG120 (255 Wp)	NOVA455TG120	20.72	120 (Half Cut Cells)	1500		
					viii	Bifacial N-Type TOPCon Module (Glass to Glass)	NOVA480TG120 (480 Wp)	NOVA460TG120	20.95	120 (Half Cut Cells)	1500		
								NOVA465TG120	21.18				
								NOVA470TG120	21.41				
								NOVA475TG120	21.64				
								NOVA480TG120	21.86				
								NOVA485TG120	22.09				
								NOVA490TG120	22.32				
								NOVA495TG120	22.55				
								NOVA500TG120	22.77				
					ix	Bifacial N-Type TOPCon Module (Glass to Glass)	NOVA525TG132 (525 Wp)	NOVA500TG132	20.80	132 (Half Cut Cells)	1500		
								NOVA505TG132	21.01				
								NOVA510TG132	21.21				
								NOVA515TG132	21.42				
								NOVA520TG132	21.63				
								NOVA525TG132	21.84				
								NOVA530TG132	22.05				
								NOVA535TG132	22.25				
								NOVA540TG132	22.46				
								NOVA545TG132	22.67				
								NOVA550TG132	22.88				
					x	Bifacial N-Type TOPCon Module (Glass to Glass)	NOVA575TG144 (575 Wp)	NOVA550TG144	21.08	144 (Half Cut Cells)	1500		
								NOVA555TG144	21.27				
								NOVA560TG144	21.46				
								NOVA565TG144	21.65				
								NOVA570TG144	21.84				
								NOVA575TG144	22.04				
								NOVA580TG144	22.23				
								NOVA585TG144	22.42				
								NOVA590TG144	22.61				
								NOVA595TG144	22.80				
								NOVA600TG144	22.99				
					xi	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	NOVA275TC72 (275 Wp)	NOVA275TC72	20.21	72 (Half Cut Cells)	1500		
					xii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	NOVA290TC72 (290 Wp)	NOVA280TC72	20.58	72 (Half Cut Cells)	1500		
								NOVA285TC72	20.94				
								NOVA290TC72	21.31				
								NOVA295TC72	21.68				
								NOVA300TC72	22.05				
					xiii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	NOVA335TC84 (335 Wp)	NOVA320TC84	20.39	84 (Half Cut Cells)	1500		
								NOVA325TC84	20.71				
								NOVA330TC84	21.03				
								NOVA335TC84	21.34				
								NOVA340TC84	21.66				
								NOVA345TC84	21.98				
								NOVA350TC84	22.30				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					xiv	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	NOVA365TC96 (365 Wp)	NOVA365TC96	20.53	96 (Half Cut Cells)	1500		
					xv	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	NOVA385TC96 (385 Wp)	NOVA370TC96	20.81	96 (Half Cut Cells)	1500		
								NOVA375TC96	21.09				
								NOVA380TC96	21.37				
								NOVA385TC96	21.65				
								NOVA390TC96	21.93				
								NOVA395TC96	22.21				
								NOVA400TC96	22.50				
					xvi	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	NOVA430TC108 (430 Wp)	NOVA410TC108	20.64	108 (Half Cut Cells)	1500		
								NOVA415TC108	20.89				
								NOVA420TC108	21.14				
								NOVA425TC108	21.39				
								NOVA430TC108	21.64				
								NOVA435TC108	21.89				
								NOVA440TC108	22.15				
								NOVA445TC108	22.40				
								NOVA450TC108	22.65				
					xvii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	NOVA455TC120 (455 Wp)	NOVA455TC120	20.72	120 (Half Cut Cells)	1500		
					xviii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	NOVA480TC120 (480 Wp)	NOVA460TC120	20.95	120 (Half Cut Cells)	1500		
								NOVA465TC120	21.18				
								NOVA470TC120	21.41				
								NOVA475TC120	21.64				
								NOVA480TC120	21.86				
								NOVA485TC120	22.09				
								NOVA490TC120	22.32				
								NOVA495TC120	22.55				
								NOVA500TC120	22.77				
					xix	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	NOVA525TC132 (525 Wp)	NOVA500TC132	20.80	132 (Half Cut Cells)	1500		
								NOVA505TC132	21.01				
								NOVA510TC132	21.21				
								NOVA515TC132	21.42				
								NOVA520TC132	21.63				
								NOVA525TC132	21.84				
								NOVA530TC132	22.05				
								NOVA535TC132	22.25				
								NOVA540TC132	22.46				
								NOVA545TC132	22.67				
								NOVA550TC132	22.88				
					xx	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	NOVA575TC144 (575 Wp)	NOVA550TC144	21.08	144 (Half Cut Cells)	1500		
								NOVA555TC144	21.27				
								NOVA560TC144	21.46				
								NOVA565TC144	21.65				
								NOVA570TC144	21.84				
								NOVA575TC144	22.04				
								NOVA580TC144	22.23				
								NOVA585TC144	22.42				
								NOVA590TC144	22.61				
								NOVA595TC144	22.80				
								NOVA600TC144	22.99				
					xxi	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	NOVA625TC156 (625 Wp)	NOVA600TC156	21.27	156 (Half Cut Cells)	1500		
								NOVA605TC156	21.45				
								NOVA610TC156	21.63				
								NOVA615TC156	21.81				
								NOVA620TC156	21.98				
								NOVA625TC156	22.16				
								NOVA630TC156	22.34				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								NOVA635TC156	22.52				
								NOVA640TC156	22.69				
								NOVA645TC156	22.87				
								NOVA650TC156	23.05				
16	M/s. Avaada Electro Private Limited (Model Addition + Capacity Addition)	Khasra No. 1145, 1146, 1150, 1151, 1152, 1154, 1156, Village - Kot, Tehsil - Dadri, Pargana, Dadri, Gautam Buddha Nagar - 203207, Uttar Pradesh, India	R-93030724	1311	i	Bifacial N-Type TOPCon Module (Glass to Glass)	AVN66M10LG535 (535 Wp)	AVN66M10LG545	22.95	132 (Half Cut Cells)	1500	28.08.2024	27.08.2028
								AVN66M10LG540	22.74				
								AVN66M10LG535	22.53				
								AVN66M10LG530	22.32				
								AVN66M10LG525	22.11				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	AVN72M10LG595 (595 Wp)	AVN72M10LG610	23.61	144 (Half Cut Cells)	1500		
								AVN72M10LG605	23.42				
								AVN72M10LG600	23.23				
								AVN72M10LG595	23.03				
								AVN72M10LG590	22.84				
								AVN72M10LG585	22.65				
								AVN72M10LG580	22.45				
17	M/s. Citizen Solar Private Limited (Model Addition + Capacity Addition)	New Survey No-966, Village: Indrad, Chhatral Kadi Road, Ta: Kadi, Dist. Mehsana, Gujarat-382715, India.	R-72001929	198	i	Bifacial-N-type TOPCon Module (Glass to Glass)	CSPL-156THC-GF-625 (625 Wp)	CSPL-156THC-GF-605	21.63	156 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								CSPL-156THC-GF-610	21.81				
								CSPL-156THC-GF-615	21.99				
								CSPL-156THC-GF-620	22.17				
								CSPL-156THC-GF-625	22.35				
								CSPL-156THC-GF-630	22.53				
								CSPL-156THC-GF-635	22.71				
								CSPL-156THC-GF-640	22.89				
								CSPL-156THC-GF-645	23.07				
								CSPL-156THC-GF-650	23.24				
					ii	Bifacial-N-type TOPCon Module (Glass to Glass)	CSPL-144THC-GF-580 (580 Wp)	CSPL-144THC-GF-555	21.48	144 (Half Cut Cells)	1500		
								CSPL-156THC-GF-560	21.68				
								CSPL-144THC-GF-565	21.87				
								CSPL-144THC-GF-570	22.07				
								CSPL-144THC-GF-575	22.26				
								CSPL-144THC-GF-580	22.45				
								CSPL-144THC-GF-585	22.65				
								CSPL-144THC-GF-590	22.84				
								CSPL-144THC-GF-595	23.03				
								CSPL-144THC-GF-600	23.23				
					iii	Bifacial-N-type TOPCon Module (Glass to Glass)	CSPL-144THC-GF-545 (545 Wp)	CSPL-144THC-GF-540	20.90	144 (Half Cut Cells)	1500		
								CSPL-144THC-GF-545	21.10				
								CSPL-144THC-GF-550	21.29				
					iv	Bifacial-N-type TOPCon Module (Glass to Glass)	CSPL-132THC-GF-510 (510 Wp)	CSPL-132THC-GF-490	20.65	132 (Half Cut Cells)	1500		
								CSPL-132THC-GF-495	20.87				
								CSPL-132THC-GF-500	21.08				
								CSPL-132THC-GF-505	21.29				
								CSPL-132THC-GF-510	21.50				
								CSPL-132THC-GF-515	21.71				
								CSPL-132THC-GF-520	21.92				
								CSPL-132THC-GF-525	22.13				
								CSPL-132THC-GF-530	22.34				
								CSPL-132THC-GF-535	22.55				
					v	Bifacial-N-type TOPCon Module (Glass to Glass)	CSPL-132THC-GF-485 (485 Wp)	CSPL-132THC-GF-485	20.44	132 (Half Cut Cells)	1500		
								CSPL-132THC-GF-490	20.65				
					vi	Bifacial-N-type TOPCon Module (Glass to Glass)	CSPL-120THC-GF-460 (460 Wp)	CSPL-120THC-GF-440	20.34	120 (Half Cut Cells)	1500		
								CSPL-120THC-GF-445	20.57				
								CSPL-120THC-GF-450	20.80				
								CSPL-120THC-GF-455	21.03				
								CSPL-120THC-GF-460	21.26				
								CSPL-120THC-GF-465	21.49				
								CSPL-120THC-GF-470	21.72				
								CSPL-120THC-GF-475	21.95				
								CSPL-120THC-GF-480	22.18				
					vii	Bifacial-N-type	CSPL-108THC-GF-425	CSPL-108THC-GF-410	20.90	108 (Half Cut Cells)	1500		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
						TOPCon Module (Glass to Glass)	(425 Wp)	CSPL-108THC-GF-415	21.15				
								CSPL-108THC-GF-420	21.41				
								CSPL-108THC-GF-425	21.66				
								CSPL-108THC-GF-430	21.92				
								CSPL-108THC-GF-435	22.17				
					viii	Bifacial-N-type TOPCon Module (Glass to Glass)	CSPL-96THC-GF-395 (395 Wp)	CSPL-96THC-GF-380	21.79	96 (Half Cut Cells)	1500		
								CSPL-96THC-GF-385	22.07				
								CSPL-96THC-GF-390	22.36				
								CSPL-96THC-GF-395	22.65				
								CSPL-96THC-GF-400	22.93				
								CSPL-96THC-GF-405	23.22				
					ix	Mono c-Si PERC Module	CSPL-132MHC-WF-500 (500 Wp)	CSPL-132MHC-WF-500	21.06	132 (Half Cut Cells)	1500		
					x	Bifacial-Mono c-Si PERC Module (Glass to Transparent Backsheet)	CSPL-132MHC-TF-500 (500 Wp)	CSPL-132MHC-TF-500	21.06	132 (Half Cut Cells)	1500		
18	**M/s. Redren Energy Pvt. Ltd (Capacity Addition)**	Survey No. 154/1, 154/2, Opposite Rangpar, Bus Stand, National Highway No. 27, Jalida, Wankaner, Morbi 363621, Gujarat, India	R-72001775	1034	i	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RSM10MP-108HCBF400 (400 Wp)	RSM10MP-108HCBF380	19.44	108 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10MP-108HCBF385	19.69				
								RSM10MP-108HCBF390	19.95				
								RSM10MP-108HCBF395	20.20				
								RSM10MP-108HCBF400	20.46				
								RSM10MP-108HCBF405	20.72				
								RSM10MP-108HCBF410	20.97				
								RSM10MP-108HCBF415	21.23				
								RSM10MP-108HCBF420	21.48				
					ii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RSM10MP-120HCBF425 (425 Wp)	RSM10MP-120HCBF415	19.17	120 (Half Cut Cells)	1500		
								RSM10MP-120HCBF420	19.40				
								RSM10MP-120HCBF425	19.63				
								RSM10MP-120HCBF430	19.86				
								RSM10MP-120HCBF435	20.09				
					iii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RSM10MP-120HCBF450 (450 Wp)	RSM10MP-120HCBF440	20.33	120 (Half Cut Cells)	1500		
								RSM10MP-120HCBF445	20.56				
								RSM10MP-120HCBF450	20.79				
								RSM10MP-120HCBF455	21.02				
								RSM10MP-120HCBF460	21.25				
					iv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RSM10MP-132HCBF465 (465 Wp)	RSM10MP-132HCBF455	19.16	132 (Half Cut Cells)	1500		
								RSM10MP-132HCBF460	19.37				
								RSM10MP-132HCBF465	19.58				
								RSM10MP-132HCBF470	19.79				
								RSM10MP-132HCBF475	20.00				
					v	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RSM10MP-132HCBF495 (495 Wp)	RSM10MP-132HCBF480	20.21	132 (Half Cut Cells)	1500		
								RSM10MP-132HCBF485	20.42				
								RSM10MP-132HCBF490	20.64				
								RSM10MP-132HCBF495	20.85				
								RSM10MP-132HCBF500	21.06				
								RSM10MP-132HCBF505	21.27				
					vi	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RSM10MP-144HCBF510 (510 Wp)	RSM10MP-144HCBF495	19.16	144 (Half Cut Cells)	1500		
								RSM10MP-144HCBF500	19.36				
								RSM10MP-144HCBF505	19.55				
								RSM10MP-144HCBF510	19.74				
								RSM10MP-144HCBF515	19.94				
								RSM10MP-144HCBF520	20.13				
					vii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RSM10MP-144HCBF540 (540 Wp)	RSM10MP-144HCBF525	20.32	144 (Half Cut Cells)	1500		
								RSM10MP-144HCBF530	20.52				
								RSM10MP-144HCBF535	20.71				
								RSM10MP-144HCBF540	20.90				
								RSM10MP-144HCBF545	21.10				
								RSM10MP-144HCBF550	21.29				
					viii	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-144-590 (590 Wp)	RS-M10TC-144-610	23.61	144 (Half Cut Cells)	1500		
								RS-M10TC-144-605	23.42				
								RS-M10TC-144-600	23.23				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								RS-M10TC-144-595	23.03				
								RS-M10TC-144-590	22.84				
								RS-M10TC-144-585	22.65				
								RS-M10TC-144-580	22.45				
								RS-M10TC-144-575	22.26				
								RS-M10TC-144-570	22.07				
					ix	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-144-560 (560 Wp)	RS-M10TC-144-565	21.87	144 (Half Cut Cells)	1500		
								RS-M10TC-144-560	21.68				
								RS-M10TC-144-555	21.48				
								RS-M10TC-144-550	21.29				
					x	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-132-550 (550 Wp)	RS-M10TC-132-560	23.58	132 (Half Cut Cells)	1500		
								RS-M10TC-132-555	23.37				
								RS-M10TC-132-550	23.16				
								RS-M10TC-132-545	22.95				
								RS-M10TC-132-540	22.74				
								RS-M10TC-132-535	22.53				
								RS-M10TC-132-530	22.32				
					xi	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-132-520 (520 Wp)	RS-M10TC-132-525	22.11	132 (Half Cut Cells)	1500		
								RS-M10TC-132-520	21.90				
								RS-M10TC-132-515	21.69				
								RS-M10TC-132-510	21.48				
								RS-M10TC-132-505	21.27				
					xii	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-120-490 (490 Wp)	RS-M10TC-120-505	23.33	120 (Half Cut Cells)	1500		
								RS-M10TC-120-500	23.10				
								RS-M10TC-120-495	22.87				
								RS-M10TC-120-490	22.63				
								RS-M10TC-120-485	22.40				
								RS-M10TC-120-480	22.17				
								RS-M10TC-120-475	21.94				
								RS-M10TC-120-470	21.71				
					xiii	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-120-460 (460 Wp)	RS-M10TC-120-465	21.48	120 (Half Cut Cells)	1500		
								RS-M10TC-120-460	21.25				
								RS-M10TC-120-455	21.02				
					xiv	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-108-440 (440 Wp)	RS-M10TC-108-455	23.27	108 (Half Cut Cells)	1500		
								RS-M10TC-108-450	23.02				
								RS-M10TC-108-445	22.76				
								RS-M10TC-108-440	22.51				
								RS-M10TC-108-435	22.25				
								RS-M10TC-108-430	21.99				
								RS-M10TC-108-425	21.74				
					xv	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-108-415 (415 Wp)	RS-M10TC-108-420	21.48	108 (Half Cut Cells)	1500		
								RS-M10TC-108-415	21.23				
								RS-M10TC-108-410	20.97				
					xvi	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-96-390 (390 Wp)	RS-M10TC-96-400	22.95	96 (Half Cut Cells)	1500		
								RS-M10TC-96-395	22.66				
								RS-M10TC-96-390	22.38				
								RS-M10TC-96-385	22.09				
								RS-M10TC-96-380	21.80				
					xvii	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-96-370 (370 Wp)	RS-M10TC-96-375	21.52	96 (Half Cut Cells)	1500		
								RS-M10TC-96-370	21.23				
								RS-M10TC-96-365	20.94				
								RS-M10TC-96-360	20.65				
					xviii	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-84-340 (340 Wp)	RS-M10TC-84-350	22.83	84 (Half Cut Cells)	1500		
								RS-M10TC-84-345	22.50				
								RS-M10TC-84-340	22.18				
								RS-M10TC-84-335	21.85				
								RS-M10TC-84-330	21.52				
					xix	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-84-320 (320 Wp)	RS-M10TC-84-325	21.20	84 (Half Cut Cells)	1500		
								RS-M10TC-84-320	20.87				
								RS-M10TC-84-315	20.55				
					xx	N-Type TOPCon Module	RSM10CTC144-590 (590 Wp)	RSM10CTC144-610	23.61	144 (Half Cut Cells)	1500		
								RSM10CTC144-605	23.42				
								RSM10CTC144-600	23.23				
								RSM10CTC144-595	23.03				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								RSM10CTC144-590	22.84				
								RSM10CTC144-585	22.65				
								RSM10CTC144-580	22.45				
								RSM10CTC144-575	22.26				
								RSM10CTC144-570	22.07				
					xxi	N-Type TOPCon Module	RSM10CTC144-560 (560 Wp)	RSM10CTC144-565	21.87	144 (Half Cut Cells)	1500		
								RSM10CTC144-560	21.68				
								RSM10CTC144-555	21.48				
								RSM10CTC144-550	21.29				
					xxii	N-Type TOPCon Module	RSM10CTC132-550 (550 Wp)	RSM10CTC132-560	23.58	132 (Half Cut Cells)	1500		
								RSM10CTC132-555	23.37				
								RSM10CTC132-550	23.16				
								RSM10CTC132-545	22.95				
								RSM10CTC132-540	22.74				
								RSM10CTC132-535	22.53				
								RSM10CTC132-530	22.32				
					xxiii	N-Type TOPCon Module	RSM10CTC132-520 (520 Wp)	RSM10CTC132-525	22.11	132 (Half Cut Cells)	1500		
								RSM10CTC132-520	21.90				
								RSM10CTC132-515	21.69				
								RSM10CTC132-510	21.48				
								RSM10CTC132-505	21.27				
					xxiv	N-Type TOPCon Module	RSM10CTC120-490 (490 Wp)	RSM10CTC120-505	23.33	120 (Half Cut Cells)	1500		
								RSM10CTC120-500	23.10				
								RSM10CTC120-495	22.87				
								RSM10CTC120-490	22.63				
								RSM10CTC120-485	22.40				
								RSM10CTC120-480	22.17				
								RSM10CTC120-475	21.94				
								RSM10CTC120-470	21.71				
					xxv	N-Type TOPCon Module	RSM10CTC120-460 (460 Wp)	RSM10CTC120-465	21.48	120 (Half Cut Cells)	1500		
								RSM10CTC120-460	21.25				
								RSM10CTC120-455	21.02				
					xxvi	N-Type TOPCon Module	RSM10CTC108-440 (440 Wp)	RSM10CTC108-455	23.27	108 (Half Cut Cells)	1500		
								RSM10CTC108-450	23.02				
								RSM10CTC108-445	22.76				
								RSM10CTC108-440	22.51				
								RSM10CTC108-435	22.25				
								RSM10CTC108-430	21.99				
								RSM10CTC108-425	21.74				
					xxvii	N-Type TOPCon Module	RSM10CTC108-415 (415 Wp)	RSM10CTC108-420	21.48	108 (Half Cut Cells)	1500		
								RSM10CTC108-415	21.23				
								RSM10CTC108-410	20.97				
					xxviii	N-Type TOPCon Module	RSM10CTC96-390 (390 Wp)	RSM10CTC96-400	22.95	96 (Half Cut Cells)	1500		
								RSM10CTC96-395	22.66				
								RSM10CTC96-390	22.38				
								RSM10CTC96-385	22.09				
								RSM10CTC96-380	21.80				
					xxix	N-Type TOPCon Module	RSM10CTC96-370 (370 Wp)	RSM10CTC96-375	21.52	96 (Half Cut Cells)	1500		
								RSM10CTC96-370	21.23				
								RSM10CTC96-365	20.94				
								RSM10CTC96-360	20.65				
					xxx	N-Type TOPCon Module	RSM10CTC84-340 (340 Wp)	RSM10CTC84-350	22.83	84 (Half Cut Cells)	1500		
								RSM10CTC84-345	22.50				
								RSM10CTC84-340	22.18				
								RSM10CTC84-335	21.85				
								RSM10CTC84-330	21.52				
					xxxi	N-Type TOPCon Module	RSM10CTC84-320 (320 Wp)	RSM10CTC84-325	21.20	84 (Half Cut Cells)	1500		
								RSM10CTC84-320	20.87				
								RSM10CTC84-315	20.55				
					xxxii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC144-590 (590 Wp)	RSM10BTC144-610	23.61	144 (Half Cut Cells)	1500		
								RSM10BTC144-605	23.42				
								RSM10BTC144-600	23.23				
								RSM10BTC144-595	23.03				
								RSM10BTC144-590	22.84				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								RSM10BTC144-585	22.65				
								RSM10BTC144-580	22.45				
								RSM10BTC144-575	22.26				
								RSM10BTC144-570	22.07				
					xxxiii	Bifacial N-Type TOPCon Module (Glass to Transparent	RSM10BTC144-560 (560 Wp)	RSM10BTC144-565	21.87	144 (Half Cut Cells)	1500		
								RSM10BTC144-560	21.68				
								RSM10BTC144-555	21.48				
								RSM10BTC144-550	21.29				
					xxxiv	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC132-550 (550 Wp)	RSM10BTC132-560	23.58	132 (Half Cut Cells)	1500		
								RSM10BTC132-555	23.37				
								RSM10BTC132-550	23.16				
								RSM10BTC132-545	22.95				
								RSM10BTC132-540	22.74				
								RSM10BTC132-535	22.53				
								RSM10BTC132-530	22.32				
					xxxv	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC132-520 (520 Wp)	RSM10BTC132-525	22.11	132 (Half Cut Cells)	1500		
								RSM10BTC132-520	21.90				
								RSM10BTC132-515	21.69				
								RSM10BTC132-510	21.48				
								RSM10BTC132-505	21.27				
					xxxvi	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC120-490 (490 Wp)	RSM10BTC120-505	23.33	120 (Half Cut Cells)	1500		
								RSM10BTC120-500	23.10				
								RSM10BTC120-495	22.87				
								RSM10BTC120-490	22.63				
								RSM10BTC120-485	22.40				
								RSM10BTC120-480	22.17				
								RSM10BTC120-475	21.94				
								RSM10BTC120-470	21.71				
					xxxvii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC120-460 (460 Wp)	RSM10BTC120-465	21.48	120 (Half Cut Cells)	1500		
								RSM10BTC120-460	21.25				
								RSM10BTC120-455	21.02				
					xxxviii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC108-440 (440 Wp)	RSM10BTC108-455	23.27	108 (Half Cut Cells)	1500		
								RSM10BTC108-450	23.02				
								RSM10BTC108-445	22.76				
								RSM10BTC108-440	22.51				
								RSM10BTC108-435	22.25				
								RSM10BTC108-430	21.99				
								RSM10BTC108-425	21.74				
					xxxix	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC108-415 (415 Wp)	RSM10BTC108-420	21.48	108 (Half Cut Cells)	1500		
								RSM10BTC108-415	21.23				
								RSM10BTC108-410	20.97				
					XL	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC96-390 (390 Wp)	RSM10BTC96-400	22.95	96 (Half Cut Cells)	1500		
								RSM10BTC96-395	22.66				
								RSM10BTC96-390	22.38				
								RSM10BTC96-385	22.09				
								RSM10BTC96-380	21.80				
					XLI	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC96-370 (370 Wp)	RSM10BTC96-375	21.52	96 (Half Cut Cells)	1500		
								RSM10BTC96-370	21.23				
								RSM10BTC96-365	20.94				
								RSM10BTC96-360	20.65				
					XLII	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC84-345 (345 Wp)	RSM10BTC84-350	22.83	84 (Half Cut Cells)	1500		
								RSM10BTC84-345	22.50				
								RSM10BTC84-340	22.18				
								RSM10BTC84-335	21.85				
					XLIII	Bifacial N-Type	RSM10BTC84-325	RSM10BTC84-330	21.52	84 (Half Cut Cells)	1500		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
						TOPCon Module (Glass to Transparent Backsheet)	(325 Wp)	RSM10BTC84-325	21.20				
								RSM10BTC84-320	20.87				
								RSM10BTC84-315	20.55				
					XLIV	Mono c-Si PERC Module	RPLUS24380 (380 Wp)	RPLUS24380	19.11	72 (Full Cells)	1500		
					XLV	Mono c-Si PERC Module	RPLUS20320 (320 Wp)	RPLUS20330	20.05	60 (Full Cells)	1500		
								RPLUS20325	19.74				
								RPLUS20320	19.44				
								RPLUS20315	19.14				
					XLVI	Mono c-Si PERC Module	RPLUS18300 (300 Wp)	RPLUS18300	20.37	54 (Full Cells)	1500		
								RPLUS18295	20.03				
								RPLUS18290	19.69				
								RPLUS18285	19.35				
					XLVII	Mono c-Si PERC Module	RSM10MP-72HCMF550 (550Wp)	RSM10MP-72HCMF550	21.29	144 (Half Cut Cells)	1500		
					XLVIII	Mono c-Si PERC Module	RSM10MP-72HCMF520 (520Wp)	RSM10MP-72HCMF545	21.10	144 (Half Cut Cells)	1500		
								RSM10MP-72HCMF540	20.90				
								RSM10MP-72HCMF535	20.71				
								RSM10MP-72HCMF530	20.52				
								RSM10MP-72HCMF525	20.32				
								RSM10MP-72HCMF520	20.13				
								RSM10MP-72HCMF515	19.94				
								RSM10MP-72HCMF510	19.74				
								RSM10MP-72HCMF505	19.55				
								RSM10MP-72HCMF500	19.35				
								RSM10MP-72HCMF495	19.16				
					XLIX	Mono c-Si PERC Module	RSM10MP-66HCMF500 (500 Wp)	RSM10MP-66HCMF505	21.27	132 (Half Cut Cells)	1500		
								RSM10MP-66HCMF500	21.06				
								RSM10MP-66HCMF495	20.84				
								RSM10MP-66HCMF490	20.63				
								RSM10MP-66HCMF485	20.42				
								RSM10MP-66HCMF480	20.21				
								RSM10MP-66HCMF475	20.03				
					L	Mono c-Si PERC Module	RSM10MP-66HCMF470 (470 Wp))	RSM10MP-66HCMF470	19.79	132 (Half Cut Cells)	1500		
								RSM10MP-66HCMF465	19.58				
								RSM10MP-66HCMF460	19.37				
								RSM10MP-66HCMF455	19.16				
					LI	Mono c-Si PERC Module	RSM10MP-60HCMF460 (460 Wp)	RSM10MP-60HCMF460	21.25	120 (Half Cut Cells)	1500		
					LII	Mono c-Si PERC Module	RSM10MP-60HCMF435 (435 Wp)	RSM10MP-60HCMF455	21.02	120 (Half Cut Cells)	1500		
								RSM10MP-60HCMF450	20.79				
								RSM10MP-60HCMF445	20.55				
								RSM10MP-60HCMF440	20.32				
								RSM10MP-60HCMF435	20.09				
								RSM10MP-60HCMF430	19.86				
								RSM10MP-60HCMF425	19.63				
								RSM10MP-60HCMF420	19.40				
								RSM10MP-60HCMF415	19.17				
					LIII	Mono c-Si PERC Module	RSM10MP-54HCMF400 (400 Wp)	RSM10MP-54HCMF420	21.48	108 (Half Cut Cells)	1500		
								RSM10MP-54HCMF415	21.23				
								RSM10MP-54HCMF410	20.97				
								RSM10MP-54HCMF405	20.71				
								RSM10MP-54HCMF400	20.46				
								RSM10MP-54HCMF395	20.20				
								RSM10MP-54HCMF390	19.95				
								RSM10MP-54HCMF385	19.69				
								RSM10MP-54HCMF380	19.44				
19	**M/s. Vikram Solar Ltd.**	Special Economic Zone (SEZ), Sector	R-51000566	2893	i	Bifacial N-Type TOPCon Module	HYPERSOL VSMDH.66.620.05	YPERSOL VSMDH.66.590.	21.84	132 (Half Cut Cells) (Cell Size: 182 mm	1500	24.02.2024	23.02.2028
								YPERSOL VSMDH.66.595.	22.03				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
	(Model Addition + Capacity Addition)	2,Falta, 24 Parganas (South) - 743504, West Bengal, India				(Glass to Glass)	(620 Wp)	YPERSOL VSMDH.66.600.	22.21	*105 mm)			
								YPERSOL VSMDH.66.605.	22.40				
								YPERSOL VSMDH.66.610.	22.58				
								YPERSOL VSMDH.66.615.	22.77				
								YPERSOL VSMDH.66.620.	22.95				
								YPERSOL VSMDH.66.625.	23.14				
								YPERSOL VSMDH.66.630.	23.32				
								YPERSOL VSMDH.66.635.	23.51				
								YPERSOL VSMDH.66.640.	23.69				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	HYPERSOL VSMDH.60.560.05 (560 Wp)	YPERSOL VSMDH.60.580.	23.55	120 (Half Cut Cells) (Cell Size: 182 mm *105 mm)	1500		
								YPERSOL VSMDH.60.575.	23.35				
								YPERSOL VSMDH.60.570.	23.14				
								YPERSOL VSMDH.60.565.	22.94				
								YPERSOL VSMDH.60.560.	22.74				
								YPERSOL VSMDH.60.555.	22.53				
								YPERSOL VSMDH.60.550.	22.33				
								YPERSOL VSMDH.60.545.	22.13				
20	**M/s. H R Solar Solution Private Limited (Model Addition + Capacity Addition)**	Raghudebpur, NH-6, Panchla, Block-Uluberia-II, Uluberia, Howrah - 711322, West Bengal, India	R-51001686	187	i	Mono c-Si PERC Module	H550M144 (550 Wp)	H550M144	21.29	144 (Half Cut Cells)	1500	25.01.2025	24.01.2029
21	**M/s. Saatvik Solar Industries Private Limited (New Addition in ALMM)**	Village Mohari, Tehisl-Shahabad, Markanda, Ambala Road District-Kurukshetra -136135, Haryana	R-91017981	1941	i	Bifacial N-Type TOPCon Modules (Glass to Glass)	SGE615-132TGG (615 Wp)	SGE600-132TGG	22.21	132 (Half Cut Cells)	1500	13.08.2025	12.08.2029
								SGE605-132TGG	22.40				
								SGE610-132TGG	22.58				
								SGE615-132TGG	22.77				
								SGE620-132TGG	22.95				
								SGE625-132TGG	23.14				
					ii	Bifacial N-Type TOPCon Modules (Glass to Glass)	SGE425-108TGG (425 Wp)	SGE410-108TGG	20.97	108 (Half Cut Cells)	1500		
								SGE415-108TGG	21.23				
								SGE420-108TGG	21.48				
								SGE425-108TGG	21.74				
								SGE430-108TGG	21.99				
								SGE435-108TGG	22.25				
								SGE440-108TGG	22.51				
					iii	Bifacial N-Type TOPCon Modules (Glass to Glass)	SGE475-120TGG (475 Wp)	SGE460-120TGG	21.22	120 (Half Cut Cells)	1500		
								SGE465-120TGG	21.45				
								SGE470-120TGG	21.68				
								SGE475-120TGG	21.91				
								SGE480-120TGG	22.14				
								SGE485-120TGG	22.37				
								SGE490-120TGG	22.60				
					iv	Bifacial N-Type TOPCon Modules (Glass to Glass)	SGE520-132TGG (520 Wp)	SGE510-132TGG	21.46	132 (Half Cut Cells)	1500		
								SGE515-132TGG	21.67				
								SGE520-132TGG	21.88				
								SGE525-132TGG	22.09				
								SGE530-132TGG	22.30				
								SGE535-132TGG	22.51				
					v	Bifacial N-Type TOPCon Modules (Glass to Glass)	SGE580-144TGG (580 Wp)	SGE560-144TGG	21.68	144 (Half Cut Cells)	1500		
								SGE565-144TGG	21.87				
								SGE570-144TGG	22.07				
								SGE575-144TGG	22.26				
								SGE580-144TGG	22.45				
								SGE585-144TGG	22.65				
								SGE590-144TGG	22.84				
								SGE595-144TGG	23.03				
								SGE600-144TGG	23.23				
					vi	Bifacial N-Type TOPCon	SGE615-156TGG (615 Wp)	SGE600-156TGG	21.47	156 (Half Cut Cells)	1500		
								SGE605-156TGG	21.65				

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												From	To (subject to valid BIS Registration; else deeemd to be delisted)
						Modules (Glass to Glass)		SGE610-156TGG	21.83				
								SGE615-156TGG	22.01				
								SGE620-156TGG	22.19				
								SGE625-156TGG	22.37				
								SGE630-156TGG	22.55				
22	M/s. Matri Shree Techno Industries (New Addition in ALMM))	Dhauha Mirpur Chunar Mirzapur – 231305, Uttar Pradesh, India	R-93006483	49	i	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	GS570M-156 (570 Wp)	GS 580M-156	20.75	156 (Half Cut Cells)	1500	13.08.2025	12.08.2029
								GS 575M-156	20.57				
								GS 570M-156	20.39				
								GS 565M-156	20.21				
								GS 560M-156	20.03				
					ii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	GS540M-144 (540 Wp)	GS 560M-144	21.68	144 (Half Cut Cells)	1500		
								GS 555M-144	21.48				
								GS 550M-144	21.29				
								GS 545M-144	21.10				
								GS 540M-144	20.90				
								GS 535M-144	20.71				
								GS 530M-144	20.52				
								GS 525M-144	20.32				
					iii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	GS 490M-132 (490 Wp)	GS 500M -132	21.07	132 (Half Cut Cells)	1500		
								GS 495M -132	20.86				
								GS 490M -132	20.64				
								GS 485M -132	20.43				
								GS 480M -132	20.22				
					iv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	GS 445M -120 (445 Wp)	GS 455M -120	21.03	120 (Half Cut Cells)	1500		
								GS 450M -120	20.80				
								GS 445M -120	20.57				
								GS 440M -120	20.34				
								GS 435M -120	20.10				
					v	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	GS340M (340 Wp)	GS340M	21.11	72 (Half Cut Cells)	1000		
					vi	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	GS340M12 (340 Wp)	GS340M12	21.11	72 (Half Cut Cells)	1000		
					vii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	GS320M (320 Wp)	GS320M	20.53	72 (Half Cut Cells)	1000		
					viii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	GS320M12 (320 Wp)	GS320M12	20.53	72 (Half Cut Cells)	1000		
					ix	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	GS220M (220 Wp)	GS220M	20.18	72 (Half Cut Cells)	1000		
					x	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	GS220M12 (220 Wp)	GS220M12	20.18	72 (Half Cut Cells)	1000		

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												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					xi	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	GS160M (160Wp)	GS160M12	20.01	36 (Half Cut CellS)	1000		
23	M/s. Abhishek Solar Industries Private Limited Unit II (Model Addition)	Khata No. 67 Plot No. 53, Mesra, PO – Neori Vikas, Near NH 33, Ranchi, Jharkhand - 835217, India	R-58000140	142	i	Mono c-Si PERC Module	AS-260-M36 (260 Wp)	AS-250-M36	20.95	36 (Half Cut Cells)	1500	24.01.2024	23.01.2028
								AS-260-M36	20.95				
								AS-270-M36	21.27				
					ii	Mono c-Si PERC Module	AS-230-M36 (230 Wp)	AS-220-M36	20.83	36 (Half Cut Cells)	1500		
								AS-230-M36	20.83				
								AS-240-M36	20.83				
					iii	Mono c-Si PERC Module	AS-200-M36 (200 Wp)	AS-200-M36	20.56	36 (Half Cut Cells)	1500		
								AS-210-M36	20.68				
					iv	Mono c-Si PERC Module	AS-175-M36 (175 Wp)	AS-170-M36	20.43	36 (Half Cut Cells)	1500		
								AS-175-M36	22.46				
								AS-180-M36	20.42				
					v	Mono c-Si PERC Module	AS-160-M36 (160 Wp)	AS-160-M36	20.34	36 (Half Cut Cells)	1500		
					vi	Mono c-Si PERC Module	AS-150-M36 (150 Wp)	AS-150-M36	20.14	36 (Half Cut Cells)	1500		
					vii	Mono c-Si PERC Module	AS-140-M36 (140 Wp)	AS-140-M36	20.02	36 (Half Cut Cells)	1500		
					viii	Mono c-Si PERC Module	AS-125-M36 (125 Wp)	AS-120-M36	19.74	36 (Half Cut Cells)	1500		
								AS-125-M36	19.82				
								AS-130-M36	20.01				
					ix	Mono c-Si PERC Module	AS-110-M36 (110 Wp)	AS-110-M36	20.10	36 (Half Cut Cells)	1500		
					x	Mono c-Si PERC Module	AS-100-M36 (100 Wp)	AS-100-M36	19.35	36 (Half Cut Cells)	1500		
					xi	Mono c-Si PERC Module	AS-90-M36 (90 Wp)	AS-90-M36	19.38	36 (Half Cut Cells)	1500		
					xii	Mono c-Si PERC Module	AS-80-M36 (80 Wp)	AS-80-M36	19.21	36 (Half Cut Cells)	1500		
					xiii	Mono c-Si PERC Module	AS-75-M36 (75 Wp)	AS-75-M36	19.35	36 (Half Cut Cells)	1500		
					xiv	Mono c-Si PERC Module	AS-115-M32 (115 Wp)	AS-110-M32	19.04	32 (Half Cut Cells)	1500		
								AS-115-M32	19.15				
								AS-120-M32	19.99				
					xv	Mono c-Si PERC Module	AS-80-M32 (80 Wp)	AS-80-M32	19.49	32 (Half Cut Cells)	1500		
					xvi	Mono c-Si PERC Module	AS-75-M32 (75 Wp)	AS-75-M32	19.35	32 (Half Cut Cells)	1500		
24	M/s. Goldi Sun Private Limited (Model Addition + Capacity Addition)	Unit no 6 (Type F) , Block No. 341, Prime Industrial and Logistic Hub, NR. P.P Savani University, NH-48,Gram Panchayat, Dhamdod - 394125, Surat, Gujarat, India	R-72012467	7263	i	Bifacial N-Type TOPCon Module (Glass to Glass)	GS12R-T132-GF-610 (610 Wp)	GS12R-T132-GF-620	22.95	132 (Half Cut Cell)	1500	27.03.2025	26.03.2029
								GS12R-T132-GF-615	22.77				
								GS12R-T132-GF-610	22.58				
								GS12R-T132-GF-605	22.40				
								GS12R-T132-GF-600	22.21				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	GS12R-T120-GF-555 (555 Wp)	GS12R-T120-GF-565	23.01	120 (Half Cut Cell)	1500		
								GS12R-T120-GF-560	22.81				
								GS12R-T120-GF-555	22.61				
								GS12R-T120-GF-550	22.40				
								GS12R-T120-GF-545	22.20				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	GS10-T108-GF-450 (450 Wp)	GS12R-T108-GF-510	23.00	108 (Half Cut Cell)	1500		
								GS12R-T108-GF-505	22.78				
								GS12R-T108-GF-500	22.55				
								GS12R-T108-GF-495	22.33				
								GS12R-T108-GF-490	22.10				

Note: In case of model inclusion or capacity addition / change, through revision in ALMM List, the capacity mentioned against any manufacturing unit, as appearing in the said Revision to the ALMM List, shall be the ALMM enlisted manufacturing capacity for that manufacturing unit (from the date of the said revision), and the capacity enlisted for that manufacturing unit should not be interpreted as Sum of (enlisted capacity for that manufacturing unit in previous ALMM list/ previous revision to ALMM List) and (enlisted capacity in the present revision)

F. No. 283/41/2024-GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय / Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003.
Dated: 30th June 2025

OFFICE MEMORANDUM

Sub: Updation of List I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 – Reg.

Ref: (i) MNRE's O.M. No. 283/54/2018-GRID SOLAR–Part(1) dated 10.03.2021
(ii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 10.05.2023;
(iii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 22.03.2024;
(iv) MNRE's O.M. No. 32/33/2024-SPV Division dated 06.05.2025;

Reference is invited to this Ministry's O.M.s of even no. dated 10.03.2021, regarding implementation of Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirement for Compulsory Registration) Order, 2019 and publishing List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019.

2. This Ministry vide its O.M.s referred at (ii), (iii) & (iv) above, inter-alia, directed that only such models of Solar PV Module Manufacturers will be enlisted under ALMM, which comply with the BIS Standards and are having the following minimum module efficiency:

Category	**Application/Use**	**Minimum Module Efficiency required to be eligible for enlistment in ALMM for solar PV modules**	
		For c-Si technology based solar PV modules	**For CdTe thin film technology based solar PV modules**
Category-I	Utility/Grid Scale Power Plants	20.00%	19.00%
Category-II	Rooftop and Solar Pumping	19.50%	18.50%
Category-III	Off-grid projects/applications like solar lamps, solar lights, solar street lights, solar fans, etc. (other than solar powered agricultural pumps and solar PV rooftops) requiring individual capacity of each solar PV module deployed, to be of less than 200 Watt peak	18.00%	18.00%
		(not to be included in main ALMM List-I but to be included in a separate ALMM list called ALMM List-I (DRE)	
Category-IV	Any other application	19.00%	18.00%

3. Post the aforesaid O.M. dated 10.05.2023 and subsequent O.M.s dated 22.03.2024 and 06.05.2025, only such models of Solar PV Modules have been considered for enlistment under ALMM List-I, whose module efficiency is meeting the eligibility criteria as mentioned in table at para-2 above.

4. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 was last updated on 05.06.2025.

5. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 is hereby further revised and the Revision-XL *(in the format of additions / modifications to Revision-XXXIX)* is enclosed at Annexure-I. The last revision no. XXXIX dated 05.06.2025 along with provisional enlistments therein *(excluding those which have been removed on account of inclusion in main ALMM List-I)* is at pages after Annexure-I.

6. The ALMM enlistment validity is subject to valid BIS Registration; else deemed to be delisted.

7. The details of Registration No. (R. No.) which has been allotted by BIS is mentioned against each manufacturer / manufacturing unit enlisted in ALMM and further details related to BIS certification like validity, models included, etc. may be checked from BIS website by using the following link:
https://www.crsbis.in/BIS/Lims_registrationc.do?hmode=getLimsData

8. This issues with the approval of competent authority.

(Sanjay G. Karndhar)
Scientist-E
E-mail: karndhar.sg@nic.in

Encl: as above

To: All Concerned
Copy to: Director (Technical), NIC, MNRE for uploading this document on MNRE's website

Annexure-I

Revision-XL

A. Correction of errors in revisions of ALMM List-I

There were some typographical errors in the revisions of ALMM list-I and the same are hereby corrected as follows:

1. **M/s. SASA Energy LLP** - Typo error corrected in validity of Models numbers

   Part B of Annexure-I to ALMM Revision dated 05.06.2025 => In Sl. No. 2 => for entries corresponding to R. No. 72005681, may be read as from 27.09.2024 to 26.09.2028 *(subject to valid BIS Registration; else deemed to be delisted).*

2. **M/s Oswal Solar Structure Pvt. Ltd. -** Typo error corrected in validity of Models numbers

   Part B of Annexure-I to ALMM Revision dated 21.05.2025 => In Sl. No. 3 => for entries corresponding to R. No. 91013935, may be read as from 24.05.2024 to 23.05.2028 *(subject to valid BIS Registration; else deemed to be delisted).*

Annexure-I

Revision-XL

B. New additions on 30.06.2025 in the List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
1	M/s. Jakson Engineers Ltd. (Model Addition & Capacity Change)	Plot No-25, Ecotech-III, Udyog Kendra, Greater Noida-201306, Gautam Budha Nagar, Uttar Pradesh, India	R-93005959	1124	i	Bifacial N- Type TOPCon Module (Glass to Glass)	JN-595G (595 Wp)	JN-600G	23.25	144 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JN-595G	23.05				
								JN-590G	22.86				
								JN-585G	22.67				
					ii	Bifacial N- Type TOPCon Module (Glass to Glass)	JN-540G (540 Wp)	JN-540G	22.76	132 (Half Cut Cells)	1500		
								JN-535G	22.55				
					iii	Bifacial N- Type TOPCon Module (Glass to Glass)	JN-490G (490Wp)	JN-490G	22.62	120 (Half Cut Cells)	1500		
					iv	Bifacial N- Type TOPCon Module (Glass to Glass)	JN-440G (440 Wp)	JN-440G	22.55	108 (Half Cut Cells)	1500		
2	M/s. Nithin Sai Renewables Private Limited (New Addition in ALMM)	Plot No. 75-A, 2nd Phase, Kiadb- Industrial Area, Chintamani Taluk, Mastenahalli Industrial Area, Chikkaballapur - 563128, Karnataka, India	R-62005509	473	i	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	NS-P10-144HT-535 (535 Wp)	NS-P10-144HT-550	21.29	144 (Half Cut Cells)	1500	30.06.2025	29.06.2029
								NS-P10-144HT-545	21.10				
								NS-P10-144HT-540	20.90				
								NS-P10-144HT-535	20.71				
								NS-P10-144HT-530	20.52				
								NS-P10-144HT-525	20.32				
								NS-P10-144HT-520	20.13				
					ii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	NS-P10-132HT-490 (490 Wp)	NS-P10-132HT-500	21.05	132 (Half Cut Cells)	1500		
								NS-P10-132HT-495	20.84				
								NS-P10-132HT-490	20.63				
								NS-P10-132HT-485	20.41				
								NS-P10-132HT-480	20.20				
					iii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	NS-P10-120HT-440 (440 Wp)	NS-P10-120HT-450	20.72	120 (Half Cut Cells)	1500		
								NS-P10-120HT-445	20.49				
								NS-P10-120HT-440	20.26				
								NS-P10-120HT-435	20.03				
					iv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	NS-P10-108HT-395 (108 Wp)	NS-P10-108HT-405	20.64	108 (Half Cut Cells)	1500		
								NS-P10-108HT-400	20.39				
								NS-P10-108HT-395	20.13				
								NS-P10-108HT-390	19.88				
3	M/s. Orb Energy Private Limited (Model Addition & Capacity Change)	No. 95, Digital Park Road, 2nd Stage, Yeshwanthapura, Bangalore - 560022, Karnataka, India	R-62001708	72	i	Mono c-Si (PERC) Module	Orb545M144-15 (545 Wp)	Orb545M144-15	21.13	144 (Half Cut Cells)	1500	01.09.2023	31.08.2027
								Orb550M144-15	21.32				
					ii	Mono c-Si (PERC) Module	Orb500M132-15 (500 Wp)	Orb495M132-15	20.86	132 (Half Cut Cells)	1500		
								Orb500M132-15	21.07				
					iii	Mono c-Si (PERC) Module	Orb455M120-15 (455 Wp)	Orb455M120-15	21.01	120 (Half Cut Cells)	1500		
								Orb450M120-15	20.78				
					iv	Bifacial N-Type TOPCon Module (Glass to Transparent backsheet)	Orb580T144-15 (580 Wp)	Orb580T144-15	22.48	144 (Half Cut Cells)	1500		
								Orb575T144-15	22.29				
								Orb570T144-15	22.09				
					v	Bifacial N-Type TOPCon Module (Glass to Transparent backsheet)	Orb530T132-15 (530 Wp)	Orb530T132-15	22.34	132 (Half Cut Cells)	1500		
								Orb525T132-15	22.13				
								Orb520T132-15	21.92				
								Orb500T132-15	21.07				
					vi	Bifacial N-Type TOPCon Module (Glass to Transparent backsheet)	Orb480T120-15 (480 Wp)	Orb480T120-15	22.17	120 (Half Cut Cells)	1500		
								Orb475T120-15	21.94				
								Orb470T120-15	21.71				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
4	M/s. Worldone Energies Private Limited (New Addition in ALMM)	D 18, Umred, MIDC Umred, Umred MIDC Road, Nagpur - 441203, Maharashtra, India	R-71039837	164	i	Bifacial N-Type TOPCon Module (Glass to Glass)	WE630W (630 Wp)	WE605W	21.69	156 (Half Cut Cells)	1500	30.06.2025	29.06.2029
								WE610W	21.87				
								WE615W	22.05				
								WE620W	22.23				
								WE625W	22.41				
								WE630W	22.59				
								WE635W	22.76				
								WE640W	22.94				
								WE645W	23.12				
								WE650W	23.30				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	WE575W (575 Wp)	WE550W	21.32	144 (Half Cut Cells)	1500		
								WE555W	21.51				
								WE560W	21.71				
								WE565W	21.90				
								WE570W	22.09				
								WE575W	22.29				
								WE580W	22.48				
								WE585W	22.68				
								WE590W	22.87				
								WE595W	23.06				
								WE600W	23.26				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	WE525W (525 Wp)	WE500W	21.06	132 (Half Cut Cells)	1500		
								WE510W	21.49				
								WE520W	21.91				
								WE530W	22.33				
								WE535W	22.54				
								WE540W	22.75				
								WE545W	22.96				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	WE470W (470 Wp)	WE450W	20.79	120 (Half Cut Cells)	1500		
								WE460W	21.26				
								WE470W	21.72				
								WE480W	22.18				
								WE490W	22.64				
5	M/s. Pahal Solar Private Limited (Model Addition & Capacity Change)	Ground Floor, Block No. 71, 72 Plot No. 167 to 171, 180 to 189, 19, E-172, 173,178, 179. Opp. Shiv Shakti Estate, Olpad, Surat -394540, Gujarat, India	R-72001848	264	i	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GA625 (625 Wp)	PSN_GA595	21.19	156 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_GA600	21.37				
								PSN_GA605	21.55				
								PSN_GA610	21.73				
								PSN_GA615	21.90				
								PSN_GA620	22.08				
								PSN_GA625	22.26				
								PSN_GA630	22.44				
								PSN_GA635	22.62				
								PSN_GA640	22.79				
								PSN_GA645	22.97				
								PSN_GA650	23.15				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GC510 (510 Wp)	PSN_GC500	21.08	132 (Half Cut Cells)	1500		
								PSN_GC505	21.29				
								PSN_GC510	21.50				
								PSN_GC515	21.71				
								PSN_GC520	21.92				
								PSN_GC525	22.13				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GC545 (545 Wp)	PSN_GC530	22.34	132 (Half Cut Cells)	1500		
								PSN_GC535	22.55				
								PSN_GC540	22.76				
								PSN_GC545	22.97				
								PSN_GC550	23.18				
								PSN_GC555	23.39				
								PSN_GC560	23.61				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GB560 (560 Wp)	PSN_GB545	21.10	144 (Half Cut Cells)	1500		
								PSN_GB550	21.29				
								PSN_GB555	21.48				
								PSN_GB560	21.68				
								PSN_GB565	21.87				
								PSN_GB570	22.07				
								PSN_GB575	22.26				
								PSN_GB580	22.45				
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GB600 (600 Wp)	PSN_GB585	22.65	144 (Half Cut Cells)	1500		
								PSN_GB590	22.84				
								PSN_GB595	23.03				
								PSN_GB600	23.23				
								PSN_GB605	23.42				
								PSN_GB610	23.61				
								PSN_GB615	23.81				
								PSN_GB620	24.00				
					vi	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GD470 (470 Wp)	PSN_GD455	21.03	120 (Half Cut Cells)	1500		
								PSN_GD460	21.26				
								PSN_GD465	21.49				
								PSN_GD470	21.72				
								PSN_GD475	21.95				
								PSN_GD480	22.18				
					vii	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GD500 (500 Wp)	PSN_GD485	22.42	120 (Half Cut Cells)	1500		
								PSN_GD490	22.65				
								PSN_GD495	22.88				
								PSN_GD500	23.11				
								PSN_GD505	23.34				
								PSN_GD510	23.57				
					viii	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GL155 (155 Wp)	PSN_GL150	19.64	40 (Half Cut Cells)	1000		
								PSN_GL155	20.30				
								PSN_GL160	20.95				
					ix	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GL175 (175 Wp)	PSN_GL165	21.61	40 (Half Cut Cells)	1000		
								PSN_GL170	22.26				
								PSN_GL175	22.92				
					x	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GL180 (180 Wp)	PSN_GL180	23.57	40 (Half Cut Cells)	1000		
					xi	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GK210 (210 Wp)	PSN_GK200	19.03	56 (Half Cut Cells)	1500		
								PSN_GK205	19.51				
								PSN_GK210	19.99				
								PSN_GK215	20.46				
					xii	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GK230 (230 Wp)	PSN_GK220	20.94	56 (Half Cut Cells)	1500		
								PSN_GK225	21.41				
								PSN_GK230	21.89				
								PSN_GK235	22.37				
								PSN_GK240	22.84				
					xiii	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GJ250 (250 Wp)	PSN_GJ245	20.80	64 (Half Cut Cells)	1500		
								PSN_GJ250	21.22				
								PSN_GJ255	21.64				
					xiv	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GJ265 (265 Wp)	PSN_GJ260	22.07	64 (Half Cut Cells)	1500		
								PSN_GJ265	22.49				
								PSN_GJ270	22.92				
					xv	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GI285 (285 Wp)	PSN_GI275	20.76	72 (Half Cut Cells)	1500		
								PSN_GI280	21.14				
								PSN_GI285	21.52				
								PSN_GI290	21.89				
					xvi	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GI300 (300 Wp)	PSN_GI295	22.27	72 (Half Cut Cells)	1500		
								PSN_GI300	22.65				
								PSN_GI305	23.03				
					xvii	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GH315 (315 Wp)	PSN_GH305	20.87	80 (Half Cut Cells)	1500		
								PSN_GH310	21.21				
								PSN_GH315	21.55				
								PSN_GH320	21.89				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					xviii	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GH335 (335 Wp)	PSN_GH325	22.24	80 (Half Cut Cells)	1500		
								PSN_GH330	22.58				
								PSN_GH335	22.92				
								PSN_GH340	23.26				
					xix	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GG330 (330 Wp)	PSN_GG320	20.87	84 (Half Cut Cells)	1500		
								PSN_GG325	21.20				
								PSN_GG330	21.52				
								PSN_GG335	21.85				
					xx	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GG350 (350 Wp)	PSN_GG340	22.18	84 (Half Cut Cells)	1500		
								PSN_GG345	22.50				
								PSN_GG350	22.83				
								PSN_GG355	23.15				
					xxi	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GF370 (370 Wp)	PSN_GF360	20.64	96 (Half Cut Cells)	1500		
								PSN_GF365	20.93				
								PSN_GF370	21.21				
								PSN_GF375	21.50				
								PSN_GF380	21.79				
					xxii	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GF400 (400 Wp)	PSN_GF385	22.07	96 (Half Cut Cells)	1500		
								PSN_GF390	22.36				
								PSN_GF395	22.65				
								PSN_GF400	22.93				
								PSN_GF405	23.22				
								PSN_GF410	23.51				
					xxiii	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GE420 (420 Wp)	PSN_GE410	21.00	108 (Half Cut Cells)	1500		
								PSN_GE415	21.25				
								PSN_GE420	21.51				
								PSN_GE425	21.76				
								PSN_GE430	22.02				
					xxiv	Bifacial N-Type TOPCon Module (Glass to Glass)	PSN_GE450 (450 Wp)	PSN_GE435	22.28	108 (Half Cut Cells)	1500		
								PSN_GE440	22.53				
								PSN_GE445	22.79				
								PSN_GE450	23.04				
								PSN_GE455	23.30				
								PSN_GE460	23.56				
6	**M/s. TP Solar Limited (Model Addition & Capacity Change)**	**Plot No. A 109, Near Elcot Road, TP Solar Limited, Sipcot Road and SR Park, Gangaikondan Road, Sipcot Industrial Park, Gangaikondan Industrial Park, Tirunelveli -627352, Tamil Nadu, India**	**R-61004146**	**5035**	i	Bifacial N-Type TOPCon Module (Glass to Glass)	TP605LG10NB (605 Wp)	TP630LG10NB	22.62	156 (Half Cut Cells)	1500	22.03.2024	21.03.2028
								TP625LG10NB	22.44				
								TP620LG10NB	22.26				
								TP615LG10NB	22.08				
								TP610LG10NB	21.90				
								TP605LG10NB	21.72				
								TP600LG10NB	21.54				
								TP595LG10NB	21.36				
								TP590LG10NB	21.18				
								TP585LG10NB	21.00				
								TP580LG10NB	20.83				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	TP555HG10NB (555 Wp)	TP580HG10NB	22.45	144 (Half Cut Cells)	1500		
								TP575HG10NB	22.26				
								TP570HG10NB	22.07				
								TP565HG10NB	21.87				
								TP560HG10NB	21.68				
								TP555HG10NB	21.48				
								TP550HG10NB	21.29				
								TP545HG10NB	21.10				
								TP540HG10NB	20.90				
								TP535HG10NB	20.71				
								TP530HG10NB	20.52				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	TP505VG10NB (505 Wp)	TP530VG10NB	22.11	132 (Half Cut Cells)	1500		
								TP525VG10NB	21.90				
								TP520VG10NB	21.69				
								TP515VG10NB	21.48				
								TP510VG10NB	21.27				
								TP505VG10NB	21.07				
								TP500VG10NB	20.86				
								TP495VG10NB	20.65				
								TP490VG10NB	20.44				
								TP485VG10NB	20.23				
								TP480VG10NB	20.02				
7	M/s. Rajasthan Electronics and Instruments Limited (REIL) (Co-ALMM)	Co-ALMM with M/s. Icon Solar En Power Technologies Private Limited Manufacturing Address : PH No. 09, Gram Dighari Mandir Hasaud, The Arang, Raipur-492001, Chhattisgarh, India	R-59000558	10 (As per co-branding agreement)	i	Mono c-Si PERC Module	RISEN575 (575 Wp)	RISEN590	21.11	156 (Half Cut Cells)	1500	30.06.2025	29.04.2027
								RISEN585	20.93				
								RISEN580	20.75				
								RISEN575	20.57				
								RISEN570	20.39				
								RISEN565	20.21				
								RISEN560	20.03				
					ii	Mono c-Si PERC Module	RISEN550 (550 Wp)	RISEN555	21.48	144 (Half Cut Cells)	1500		
								RISEN550	21.30				
								RISEN545	21.10				
								RISEN540	20.90				
8	M/s Swelect HHV Solar Photovoltaics Pvt. Ltd (Model Addition & Capacity Change)	SF – No. 169, 166 Sembagoundan Pudur, Kuppaepalayam Village, Coimbatore, Coimbtare North Taluk, Coimbtare District, Tamil Nadu - 641107	R-61003433	807	i	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG0445 (445 Wp)	SWT15BG0440	22.53	108 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWT15BG0445	22.79				
								SWT15BG0450	23.04				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG6595 (595 Wp)	SWT15BG6585	22.65	144 (Half Cut Cells)	1500		
								SWT15BG6590	22.84				
								SWT15BG6595	23.03				
								SWT15BG6600	23.23				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG4545 (545 Wp)	SWT15BG4535	22.53	132 (Half Cut Cells)	1500		
								SWT15BG4540	22.74				
								SWT15BG4545	22.95				
								SWT15BG4550	23.16				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG2495 (495 Wp)	SWT15BG2485	22.40	120 (Half Cut Cells)	1500		
								SWT15BG2490	22.63				
								SWT15BG2495	22.87				
								SWT15BG2500	23.10				
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG8645 (645 Wp)	SWT15BG8635	22.72	156 (Half Cut Cells)	1500		
								SWT15BG8640	22.90				
								SWT15BG8645	23.07				
								SWT15BG8650	23.25				
					vi	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SWT15BT0415 (415Wp)	SWT15BT0385	19.72	108 (Half Cut Cells)	1500		
								SWT15BT0390	19.97				
								SWT15BT0395	20.23				
								SWT15BT0400	20.48				
								SWT15BT0405	20.74				
								SWT15BT0410	21.00				
								SWT15BT0415	21.25				
								SWT15BT0420	21.51				
								SWT15BT0425	21.76				
								SWT15BT0430	22.02				
					vii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SWT15BT2445 (445 Wp))	SWT15BT2430	19.86	120 (Half Cut Cells)	1500		
								SWT15BT2435	20.09				
								SWT15BT2440	20.33				
								SWT15BT2445	20.56				
								SWT15BT2450	20.79				
								SWT15BT2455	21.02				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					viii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SWT15BT2470 (470 Wp)	SWT15BT2460	21.25	120 (Half Cut Cells)	1500		
								SWT15BT2465	21.48				
								SWT15BT2470	21.71				
								SWT15BT2475	21.94				
								SWT15BT2480	22.17				
					ix	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SWT15BT4490 (490 Wp)	SWT15BT4475	20.00	132 (Half Cut Cells)	1500		
								SWT15BT4480	20.21				
								SWT15BT4485	20.42				
								SWT15BT4490	20.64				
								SWT15BT4495	20.85				
								SWT15BT4500	21.06				
					x	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SWT15BT4520 (520 Wp)	SWT15BT4505	21.27	132 (Half Cut Cells)	1500		
								SWT15BT4510	21.48				
								SWT15BT4515	21.69				
								SWT15BT4520	21.90				
								SWT15BT4525	22.11				
								SWT15BT4530	22.32				
					xi	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SWT15BT6535 (535 Wp)	SWT15BT6520	20.13	144 (Half Cut Cells)	1500		
								SWT15BT6525	20.32				
								SWT15BT6530	20.52				
								SWT15BT6535	20.71				
								SWT15BT6540	20.90				
								SWT15BT6545	21.10				
								SWT15BT6550	21.29				
					xii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SWT15BT6570 (570 Wp)	SWT15BT6555	21.48	144 (Half Cut Cells)	1500		
								SWT15BT6560	21.68				
								SWT15BT6565	21.87				
								SWT15BT6570	22.07				
								SWT15BT6575	22.26				
								SWT15BT6580	22.45				
					xiii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SWT15BT8580 (580 Wp)	SWT15BT8565	20.21	156 (Half Cut Cells)	1500		
								SWT15BT8570	20.39				
								SWT15BT8575	20.57				
								SWT15BT8580	20.75				
								SWT15BT8585	20.93				
								SWT15BT8590	21.11				
								SWT15BT8595	21.29				
					xiv	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SWT15BT8615 (615 Wp)	SWT15BT8600	21.46	156 (Half Cut Cells)	1500		
								SWT15BT8605	21.64				
								SWT15BT8610	21.82				
								SWT15BT8615	22.00				
								SWT15BT8620	22.18				
								SWT15BT8625	22.36				
								SWT15BT8630	22.54				

Note: In case of model inclusion or capacity addition / change, through revision in ALMM List, the capacity mentioned against any manufacturing unit, as appearing in the said Revision to the ALMM List, shall be the ALMM enlisted manufacturing capacity for that manufacturing unit (from the date of the said revision), and the capacity enlisted for that manufacturing unit should not be interpreted as Sum of (enlisted capacity for that manufacturing unit in previous ALMM list/ previous revision to ALMM List) and (enlisted capacity in the present revision)

F. No. 283/41/2024-GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय / Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003.
Dated: 5th June 2025

OFFICE MEMORANDUM

Sub: Updation of List I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 – Reg.

Ref: (i) MNRE's O.M. No. 283/54/2018-GRID SOLAR–Part(1) dated 10.03.2021
(ii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 10.05.2023;
(iii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 22.03.2024;
(iv) MNRE's O.M. No. 32/33/2024-SPV Division dated 06.05.2025;

Reference is invited to this Ministry's O.M.s of even no. dated 10.03.2021, regarding implementation of Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirement for Compulsory Registration) Order, 2019 and publishing List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019.

2. This Ministry vide its O.M.s referred at (ii), (iii) & (iv) above, inter-alia, directed that only such models of Solar PV Module Manufacturers will be enlisted under ALMM, which comply with the BIS Standards and are having the following minimum module efficiency:

Category	Application/Use	Minimum Module Efficiency required to be eligible for enlistment in ALMM for solar PV modules	
		For c-Si technology based solar PV modules	For CdTe thin film technology based solar PV modules
Category-I	Utility/Grid Scale Power Plants	20.00%	19.00%
Category-II	Rooftop and Solar Pumping	19.50%	18.50%
Category-III	Off-grid projects/applications like solar lamps, solar lights, solar street lights, solar fans, etc. (other than solar powered agricultural pumps and solar PV rooftops) requiring individual capacity of each solar PV module deployed, to be of less than 200 Watt peak	18.00%	18.00%
		(not to be included in main ALMM List-I but to be included in a separate ALMM list called ALMM List-I (DRE)	
Category-IV	Any other application	19.00%	18.00%

3. Post the aforesaid O.M. dated 10.05.2023 and subsequent O.M.s dated 22.03.2024 and 06.05.2025, only such models of Solar PV Modules have been considered for enlistment under ALMM List-I, whose module efficiency is meeting the eligibility criteria as mentioned in table at para-2 above.

4. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 was last updated on 21.05.2025.

5. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 is hereby further revised and the Revision-XXXIX *(in the format of additions / modifications to Revision-XXXVIII)* is enclosed at Annexure-I. The last revision no. XXXVIII dated 21.05.2025 is at pages after Annexure-I.

6. The ALMM enlistment validity is subject to valid BIS Registration; else deemed to be delisted.

7. The details of Registration No. (R. No.) which has been allotted by BIS is mentioned against each manufacturer / manufacturing unit enlisted in ALMM and further details related to BIS certification like validity, models included, etc. may be checked from BIS website by using the following link:
https://www.crsbis.in/BIS/Lims_registrationc.do?hmode=getLimsData

8. This issues with the approval of competent authority.

(Sanjay G. Karndhar)
Scientist-E
E-mail: karndhar.sg@nic.in

Encl: as above

To: All Concerned

Copy to: Director (Technical), NIC, MNRE for uploading this document on MNRE's website

A. Modification / Correction of errors in ALMM List-I dated 27.03.2025 / Revision dated 21.05.2025

(a). ALMM enlistment validity of solar PV modules with R. No. 72008389 under Co-ALMM of Brand Owner [ECE (India) Energies P. Ltd.] with O.E.M. [Navitas Green Solutions P. Ltd.], which were enlisted at Sl. No. 15 of ALMM List dated 27.03.2025, has expired on 28.05.2025. Hence the same are hereby deleted from ALMM List-I for solar PV modules.

(b). There were some typographical errors in the Revision dated 21.05.2025 to ALMM list and the same are hereby corrected as follows:

1. **M/s. Renewsys India Pvt. Ltd.,** Rangareddy District Telangana - Typo error corrected in capacity

   Part B of Annexure-I to ALMM Revision dated 21.05.2025 => Sl. No. 16 => The capacity may be read as 1,733 MW/Year instead of 1,773 MW/Year

2. **M/s. Premier Energies Global Environment (P) Limited** - Typo error corrected in name of model numbers and efficiency

   Part B of Annexure-I to ALMM Revision dated 21.05.2025 => Sl. No. 17 => Sl. Nos => (ii to iii) => Correction of Enlisted Model Number and efficiencies as below:

S. No.	Type of Module	Applied Model	Enlisted Model	Efficiency (%)
ii	Bifacial N-Type TOPCon Module (Glass to Glass)	PE-132-615THGB-G12R (615 Wp)	PE-132-600THGB-G12R	22.21
			PE-132-605THGB-G12R	22.40
			PE-132-610THGB-G12R	22.58
			PE-132-615THGB-G12R	22.77
			PE-132-620THGB-G12R	22.95
			PE-132-625THGB-G12R	23.14
			PE-132-630THGB-G12R	23.32
iii	Bifacial N-Type TOPCon Module (Glass to Glass)	PE-132-695THGB-G12 (695 Wp)	PE-132-680THGB-G12	21.89
			PE-132-685THGB-G12	22.05
			PE-132-690THGB-G12	22.21
			PE-132-695THGB-G12	22.37
			PE-132-700THGB-G12	22.53
			PE-132-705THGB-G12	22.70
			PE-132-710THGB-G12	22.86

3. **M/s. Sri Savitr Solar Pvt. Ltd.** – Typo error corrected in name of model numbers

   Part B of Annexure-I to ALMM Revision dated 21.05.2025 => Sl. No. 21 => Sl. Nos => (ix to xxiii) => there was a typo error as one "S" was missing in following models (S. No. ix to xxiii). The correct Model numbers are as below:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (V)
ix	Mono c-Si Module	SSSPL-36-260 (260 Wp)	SSSPL-36-260	20.95	36 (Half Cut Cells)	1500
x	Mono c-Si Module	SSSPL-36-270 (270 Wp)	SSSPL-36-270	21.27	36 (Half Cut Cells)	1500
xi	Mono c-Si Module	SSSPL-36-230 (230 Wp)	SSSPL-36-230	20.83	36 (Half Cut Cells)	1500
xii	Mono c-Si Module	SSSPL-36-240 (240 Wp)	SSSPL-36-240	20.83	36 (Half Cut Cells)	1500
xiii	Mono c-Si Module	SSSPL-36-250 (250 Wp)	SSSPL-36-250	20.95	36 (Half Cut Cells)	1500
xiv	Mono c-Si Module	SSSPL-36-200 (200 Wp)	SSSPL-36-200	20.56	36 (Half Cut Cells)	1500
xv	Mono c-Si Module	SSSPL-36-210 (210 Wp)	SSSPL-36-210	20.68	36 (Half Cut Cells)	1500
xvi	Mono c-Si Module	SSSPL-36-220 (220 Wp)	SSSPL-36-220	20.83	36 (Half Cut Cells)	1500

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (V)
xvii	Mono c-Si Module	SSSPL-36-180 (180 Wp)	SSSPL-36-180	20.42	36 (Half Cut Cells)	1500
xviii	Mono c-Si Module	SSSPL-36-175 (175 Wp)	SSSPL-36-175	20.47	36 (Half Cut Cells)	1500
xix	Mono c-Si Module	SSSPL-36-170 (170 Wp)	SSSPL-36-170	20.43	36 (Half Cut Cells)	1500
xx	Mono c-Si Module	SSSPL-36-160 (160 Wp)	SSSPL-36-160	20.34	36 (Half Cut Cells)	1500
xxi	Mono c-Si Module	SSSPL-36-150 (150 Wp)	SSSPL-36-150	20.14	36 (Half Cut Cells)	1500
xxii	Mono c-Si Module	SSSPL-36-140 (140 Wp)	SSSPL-36-140	20.02	36 (Half Cut Cells)	1500
xxiii	Mono c-Si Module	SSSPL-36-130 (130 Wp)	SSSPL-36-130	20.01	36 (Half Cut Cells)	1500
xxiv	Mono c-Si Module	SSSPL-36-125 (125 Wp)	SSSPL-36-125	19.82	36 (Half Cut Cells)	1500
xxv	Mono c-Si Module	SSSPL-36-120 (120 Wp)	SSSPL-36-120	19.74	36 (Half Cut Cells)	1500
xxvi	Mono c-Si Module	SSSPL-36-100 (100 Wp)	SSSPL-36-100	19.35	36 (Half Cut Cells)	1500
xxvii	Mono c-Si Module	SSSPL-36-90 (90 Wp)	SSSPL-36-90	19.38	36 (Half Cut Cells)	1500
xxviii	Mono c-Si Module	SSSPL-36-80 (80 Wp)	SSSPL-36-80	19.21	36 (Half Cut Cells)	1500
xxix	Mono c-Si Module	SSSPL-36-75 (75 Wp)	SSSPL-36-75	19.05	36 (Half Cut Cells)	1500
xxx	Mono c-Si Module	SSSPL-36-70 (70 Wp)	SSSPL-36-70	19.03	36 (Half Cut Cells)	1500
xxxi	Mono c-Si Module	SSSPL-36-60 (60 Wp)	SSSPL-36-60	19.02	36 (Half Cut Cells)	1500
xxxii	Mono c-Si Module	SSSPL-36-50 (50 Wp)	SSSPL-36-50	19.01	36 (Half Cut Cells)	1500
xxxiii	Mono c-Si Module	SSSPL-36-40 (40 Wp)	SSSPL-36-40	19.05	36 (Half Cut Cells)	1500

Annexure-I

Revision-XXXIX

B. New additions on 05.06.2025 in the List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
1	**M/s. Avaada Electro Private Limited (New Addition in ALMM)**	**A-67, MIDC Road, Additional Butibori Industrial Area, Nagpur-441108, Maharashtra, India**	**R-71040312**	**1272**	i	Bifacial N- Type TOPCon Module (Glass to Glass)	AVN66G12G710 (710 Wp)	AVN66G12G720	23.18	132 (Half Cut Cells) (Cell Size: 210 mm * 210 mm)	1500	05.06.2025	04.06.2029
								AVN66G12G715	23.02				
								AVN66G12G710	22.86				
								AVN66G12G705	22.70				
								AVN66G12G700	22.53				
					ii	Bifacial N- Type TOPCon Module (Glass to Glass)	AVN60G12G640 (640 Wp)	AVN60G12G650	22.97	120 (Half Cut Cells) (Cell Size: 210 mm * 210 mm)	1500		
								AVN60G12G645	22.79				
								AVN60G12G640	22.61				
								AVN60G12G635	22.44				
								AVN60G12G630	22.26				
					iii	Bifacial N- Type TOPCon Module (Glass to Glass)	AVN66G12RG620 (620 Wp)	AVN66G12RG630	23.32	132 (Half Cut Cells) (Cell Size: 182 mm * 210 mm)	1500		
								AVN66G12RG625	23.14				
								AVN66G12RG620	22.95				
								AVN66G12RG615	22.77				
								AVN66G12RG610	22.58				
					iv	Bifacial N- Type TOPCon Module (Glass to Glass)	AVN60G12RG560 (560 Wp)	AVN60G12RG570	23.14	120 (Half Cut Cells) (Cell Size: 182 mm * 210 mm)	1500		
								AVN60G12RG565	22.94				
								AVN60G12RG560	22.74				
								AVN60G12RG555	22.53				
								AVN60G12RG550	22.33				
2	**M/s. SASA Energy LLP (Model Addition & Capacity Change)**	**S.No. 193, Opposite Dargah, MorbiHalvad Road, At-Nichi Mandal, Morbi – Rajkot, Gujarat - 363642, India**	**R-72005681**	**98**	i	Bifacial N-Type TOPCon Module (Glass to Glass)	SASA580T-144 (580 Wp)	SASA555T-144	21.48	144 (Half Cut Cells)	1500	31.01.2025	24.01.2027
								SASA560T-144	21.68				
								SASA565T-144	21.87				
								SASA570T-144	22.07				
								SASA575T-144	22.26				
								SASA580T-144	22.45				
								SASA585T-144	22.65				
								SASA590T-144	22.84				
								SASA595T-144	23.03				
								SASA600T-144	23.23				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	SASA530T-132 (530 Wp)	SASA505T-132	21.27	132 (Half Cut Cells)	1500		
								SASA510T-132	21.48				
								SASA515T-132	21.69				
								SASA520T-132	21.90				
								SASA530T-132	22.32				
								SASA535T-132	22.53				
								SASA540T-132	22.74				
								SASA545T-132	22.95				
								SASA550T-132	23.16				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	SASA455T-120 (455 Wp)	SASA455T-120	20.95	120 (Half Cut Cells)	1500		
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	SASA480T-120 (480 Wp)	SASA460T-120	21.18	120 (Half Cut Cells)	1500		
								SASA465T-120	21.41				
								SASA470T-120	21.64				
								SASA475T-120	21.87				
								SASA480T-120	22.10				
								SASA485T-120	22.33				
								SASA490T-120	22.56				
								SASA495T-120	22.79				
								SASA500T-120	23.02				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
3	M/s. Reliance Industries Limited (New Addition in ALMM)	At Navagam Via Khodiyar Colony,1, Po Navagam/ Kana Chhikari, GSFC Reliance Complex, Jamnagar- 361006, Gujarat, India	R-72011452	1716	i	Bifacial Hetero-junction Monocrystaline Silicon (HJT) Module (Glass to Glass)	RNE705AA-66-BGG (705 Wp)	RNE690AA-66-BGG	22.16	132 (Half Cut Cells)	1500	05.06.2025	04.06.2029
								RNE695AA-66-BGG	22.32				
								RNE700AA-66-BGG	22.48				
								RNE705AA-66-BGG	22.64				
								RNE710AA-66-BGG	22.80				
								RNE715AA-66-BGG	22.96				
								RNE720AA-66-BGG	23.12				
					ii	Bifacial Hetero-junction Monocrystaline Silicon (HJT) Module (Glass to Glass)	RNE640AA-60-BGG (640 Wp)	RNE630AA-60-BGG	22.20	120 (Half Cut Cells)	1500		
								RNE635AA-60-BGG	22.37				
								RNE640AA-60-BGG	22.55				
								RNE645AA-60-BGG	22.72				
								RNE650AA-60-BGG	22.90				
					iii	Bifacial Hetero-junction Monocrystaline Silicon (HJT) Module (Glass to Glass)	RNE575AA-54-BGG (575 Wp)	RNE565AA-54-BGG	22.02	108 (Half Cut Cells)	1500		
								RNE570AA-54-BGG	22.22				
								RNE575AA-54-BGG	22.41				
								RNE580AA-54-BGG	22.61				
								RNE585AA-54-BGG	22.80				
					iv	Bifacial Hetero-junction Monocrystaline Silicon (HJT) Module (Glass to Glass)	RNE510AA-48-BGG (510 Wp)	RNE505AA-48-BGG	22.29	96 (Half Cut Cells)	1500		
								RNE510AA-48-BGG	22.51				
								RNE515AA-48-BGG	22.73				
								RNE520AA-48-BGG	22.95				
					v	Hetero-junction Monocrystaline Silicon (HJT) Module	RNE555AA-54-WBS (555 Wp)	RNE540AA-54-WBS	21.05	108 (Half Cut Cells)	1500		
								RNE545AA-54-WBS	21.24				
								RNE550AA-54-WBS	21.44				
								RNE555AA-54-WBS	21.63				
								RNE560AA-54-WBS	21.83				
								RNE565AA-54-WBS	22.02				
								RNE570AA-54-WBS	22.22				
					vi	Hetero-junction Monocrystaline Silicon (HJT) Module	RNE455AA-44-WBK (455 Wp)	RNE440AA-44-WBK	20.85	88 (Half Cut Cells)	1000		
								RNE445AA-44-WBK	21.09				
								RNE450AA-44-WBK	21.33				
								RNE455AA-44-WBK	21.57				
								RNE460AA-44-WBK	21.80				
								RNE465AA-44-WBK	22.04				
								RNE470AA-44-WBK	22.28				
					vii	Hetero-junction Monocrystaline Silicon (HJT) Module	RNE415AA-40-WBK (415 Wp)	RNE430AA-40-WBK	22.32	80 (Half Cut Cells)	1000		
								RNE425AA-40-WBK	22.06				
								RNE420AA-40-WBK	21.80				
								RNE415AA-40-WBK	21.54				
								RNE410AA-40-WBK	21.28				
								RNE405AA-40-WBK	21.02				
								RNE400AA-40-WBK	20.76				
					viii	Bifacial Hetero-junction Monocrystaline Silicon (HJT) Module (Glass to Glass)	RNE665AA-66-BGG (665 Wp)	RNE650AA-66-BGG	20.88	132 (Half Cut Cells)	1500		
								RNE655AA-66-BGG	21.04				
								RNE660AA-66-BGG	21.20				
								RNE665AA-66-BGG	21.36				
								RNE670AA-66-BGG	21.52				
								RNE675AA-66-BGG	21.68				
								RNE680AA-66-BGG	21.84				
								RNE685AA-66-BGG	22.00				

Note: In case of model inclusion or capacity addition / change, through revision in ALMM List, the capacity mentioned against any manufacturing unit, as appearing in the said Revision to the ALMM List, shall be the ALMM enlisted manufacturing capacity for that manufacturing unit (from the date of the said revision), and the capacity enlisted for that manufacturing unit should not be interpreted as Sum of (enlisted capacity for that manufacturing unit in previous ALMM list/ previous revision to ALMM List) and (enlisted capacity in the present revision)

F. No. 283/41/2024-GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय / Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003.
Dated: 21st May 2025

OFFICE MEMORANDUM

Sub: Updation of List I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 – Reg.

Ref: (i) MNRE's O.M. No. 283/54/2018-GRID SOLAR–Part(1) dated 10.03.2021
(ii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 10.05.2023;
(iii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 22.03.2024;
(iv) MNRE's O.M. No. 32/33/2024-SPV Division dated 06.05.2025;

Reference is invited to this Ministry's O.M.s of even no. dated 10.03.2021, regarding implementation of Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirement for Compulsory Registration) Order, 2019 and publishing List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019.

2. This Ministry vide its O.M.s referred at (ii), (iii) & (iv) above, inter-alia, directed that only such models of Solar PV Module Manufacturers will be enlisted under ALMM, which comply with the BIS Standards and are having the following minimum module efficiency:

Category	Application/Use	Minimum Module Efficiency required to be eligible for enlistment in ALMM for solar PV modules	
		For c-Si technology based solar PV modules	For CdTe thin film technology based solar PV modules
Category-I	Utility/Grid Scale Power Plants	20.00%	19.00%
Category-II	Rooftop and Solar Pumping	19.50%	18.50%
Category-III	Off-grid projects/applications like solar lamps, solar lights, solar street lights, solar fans, etc. (other than solar powered agricultural pumps and solar PV rooftops) requiring individual capacity of each solar PV module deployed, to be of less than 200 Watt peak	18.00%	18.00%
		(not to be included in main ALMM List-I but to be included in a separate ALMM list called ALMM List-I (DRE)	
Category-IV	Any other application	19.00%	18.00%

3. Post the aforesaid O.M. dated 10.05.2023 and subsequent O.M.s dated 22.03.2024 and 06.05.2025, only such models of Solar PV Modules have been considered for enlistment under ALMM List-I, whose module efficiency is meeting the eligibility criteria as mentioned in table at para-2 above.

4. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 was last updated on 21.04.2025.

5. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 is hereby further revised and the Revision-XXXVIII *(in the format of additions / modifications to Revision-XXXVII)* is enclosed at Annexure-I. The last revision no. XXXVII dated 21.04.2025 along with provisional enlistments therein *(excluding those which have been removed on account of inclusion in main ALMM List-I)* is at pages after Annexure-I.

6. The ALMM enlistment validity is subject to valid BIS Registration; else deemed to be delisted.

7. The details of Registration No. (R. No.) which has been allotted by BIS is mentioned against each manufacturer / manufacturing unit enlisted in ALMM and further details related to BIS certification like validity, models included, etc. may be checked from BIS website by using the following link:
https://www.crsbis.in/BIS/Lims_registrationc.do?hmode=getLimsData

8. This issues with the approval of competent authority.

(Sanjay G. Karndhar)
Scientist-E
E-mail: karndhar.sg@nic.in

Encl: as above

To: All Concerned

Copy to: Director (Technical), NIC, MNRE for uploading this document on MNRE's website

Annexure-I

Revision-XXVIII

A. Correction of errors in revision of ALMM List-I dated 27.03.2025

There were some typographical errors in the ALMM list published on 27.03.2025 and the same are hereby corrected as follows:

1. **M/s. Australian Premium Solar (India) Pvt. Ltd** - Typo error corrected in validity of Model numbers.

   In. Sl. No. 40=> Sl.Nos. (vii) to (xiv)=> ALMM enlistment validity may be read as from 01.09.2023 to 31.08.2027 *(subject to valid BIS Registration, else deemed to be delisted)*

2. **M/s. Mundra Solar PV Limited, co-ALMM with Goldi Sun Private Limited -** Typo Error corrected in validity of Model numbers.

   In. Sl. No. 52=> for entries corresponding to R. No. 72012025, ALMM enlistment validity may be read as from 27.03.2025 to 16.01.2026 *(subject to valid BIS Registration, else deemed to be delisted)*

3. **M/s. PV Power Technologies Private Limited, co-ALMM with Rayzon Solar Private Limited -** Typo Error corrected in validity of Model numbers.

   In. Sl. No. 70=> for entries corresponding to R. No. 72012084, ALMM enlistment validity may be read as from 27.03.2025 to 01.09.2026 *(subject to valid BIS Registration, else deemed to be delisted)*

Annexure-I

Revision-XXXVIII

B. New additions on 21.05.2025 in the List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deeemd to be delisted)	
												From	To
1	M/s. Agrawal Renewable Energy Pvt. Ltd (Renewal & Model Addition)	Plot No. 66/0, Dhoop Building, Volvoi Road, Culti, Ponda - 403401, South Goa, India	R-71013536	125	i	Mono c-Si PERC Modules	DHOOP PM72 385 (385Wp)	DHOOP PM72 370Wp	19.01	72 (Full Cells)	1500	21.05.2025	20.05.2029
								DHOOP PM72 375Wp	19.26				
								DHOOP PM72 380Wp	19.52				
								DHOOP PM72 385Wp	19.78				
								DHOOP PM72 390Wp	20.04				
								DHOOP PM72 395Wp	20.29				
								DHOOP PM72 400Wp	20.55				
					ii	Bifacial Mono c-Si PERC Module (Glass to Glass)	DHF-72HG-520 (520 Wp)	DHF-72HG-495	19.11	144 (Half Cut Cells)	1500		
								DHF-72HG-500	19.30				
								DHF-72HG-505	19.50				
								DHF-72HG-510	19.69				
								DHF-72HG-515	19.88				
								DHF-72HG-520	20.08				
								DHF-72HG-525	20.27				
								DHF-72HG-530	20.46				
								DHF-72HG-535	20.66				
					iii	Bifacial Mono c-Si PERC Module (Glass to Glass)	DHF-72HG-545 (545 Wp)	DHF-72HG-540	20.85	144 (Half Cut Cells)	1500		
								DHF-72HG-545	21.04				
								DHF-72HG-550	21.24				
					iv	Bifacial Mono c-Si PERC Module (Glass to Glass)	DHF-66HG-470 (470 Wp)	DHF-66HG-455	19.12	132 (Half Cut Cells)	1500		
								DHF-66HG-460	19.33				
								DHF-66HG-465	19.54				
								DHF-66HG-470	19.75				
								DHF-66HG-475	19.96				
								DHF-66HG-480	20.17				
								DHF-66HG-485	20.38				
					v	Bifacial Mono c-Si PERC Module (Glass to Glass)	DHF-66HG-495 (495 Wp)	DHF-66HG-490	20.59	132 (Half Cut Cells)	1500		
								DHF-66HG-495	20.80				
								DHF-66HG-500	21.01				
								DHF-66HG-505	21.22				
					vi	Bifacial Mono c-Si PERC Module (Glass to Glass)	DHF-54HG-380 (380 Wp)	DHF-54HG-375	19.13	108 (Half Cut Cells)	1500		
								DHF-54HG-380	19.38				
								DHF-54HG-385	19.64				
								DHF-54HG-390	19.89				
								DHF-54HG-395	20.15				
					vii	Bifacial Mono c-Si PERC Module (Glass to Glass)	DHF-54HG-405 (405 Wp)	DHF-54HG-400	20.40	108 (Half Cut Cells)	1500		
								DHF-54HG-405	20.66				
								DHF-54HG-410	20.91				
					viii	Bifacial Mono c-Si PERC Module (Glass to Glass)	DHF-60HG-575 (575 Wp)	DHF-60HG-600	20.75	120 (Half Cut Cells)	1500		
								DHF-60HG-595	20.58				
								DHF-60HG-590	20.40				
								DHF-60HG-585	20.23				
								DHF-60HG-580	20.06				
								DHF-60HG-575	19.88				
								DHF-60HG-570	19.71				
								DHF-60HG-565	19.54				
								DHF-60HG-560	19.37				
								DHF-60HG-555	19.19				
								DHF-60HG-550	19.20				
					ix	Bifacial Mono c-Si PERC Module (Glass to Glass)	DHF-54HG-515 (515 Wp)	DHF-54HG-540	20.78	108 (Half Cut Cells)	1500		
								DHF-54HG-535	20.58				
								DHF-54HG-530	20.39				
								DHF-54HG-525	20.20				
								DHF-54HG-520	20.01				
								DHF-54HG-515	19.81				
								DHF-54HG-510	19.62				
								DHF-54HG-505	19.43				
								DHF-54HG-500	19.24				
								DHF-54HG-495	19.05				
								DHF-48HG-480	20.69				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deeemd to be delisted)	
												From	To
					x	Bifacial Mono c-Si PERC Module (Glass to Glass)	DHF-48HG-460 (460 Wp)	DHF-48HG-475	20.48	96 (Half Cut Cells)	1500		
								DHF-48HG-470	20.26				
								DHF-48HG-465	20.05				
								DHF-48HG-460	19.83				
								DHF-48HG-455	19.62				
								DHF-48HG-450	19.40				
								DHF-48HG-445	19.18				
					xi	Mono c-Si PERC Module	DHF-72H-525 (525 Wp)	DHF-72H-550	21.24	144 (Half Cut Cells)	1500		
								DHF-72H-545	21.04				
								DHF-72H-540	20.85				
								DHF-72H-535	20.66				
								DHF-72H-530	20.46				
								DHF-72H-525	20.27				
								DHF-72H-520	20.08				
								DHF-72H-515	19.88				
								DHF-72H-510	19.69				
								DHF-72H-505	19.50				
					xii	Mono c-Si PERC Module	DHF-72H-500 (500 Wp)	DHF-72H-500	19.30	144 (Half Cut Cells)	1500		
								DHF-72H-495	19.11				
					xiii	Mono c-Si PERC Module	DHF-66H-490 (490 Wp)	DHF-66H-505	21.22	132 (Half Cut Cells)	1500		
								DHF-66H-500	21.01				
								DHF-66H-495	20.80				
								DHF-66H-490	20.59				
								DHF-66H-485	20.38				
								DHF-66H-480	20.17				
								DHF-66H-475	19.96				
								DHF-66H-470	19.75				
					xiv	Mono c-Si PERC Module	DHF-66H-460 (460 Wp)	DHF-66H-465	19.54	132 (Half Cut Cells)	1500		
								DHF-66H-460	19.33				
								DHF-66H-455	19.12				
					xv	Mono c-Si PERC Module	DHF-54H-400 (400 Wp)	DHF-54H-410	20.91	108 (Half Cut Cells)	1500		
								DHF-54H-405	20.66				
								DHF-54H-400	20.40				
								DHF-54H-395	20.15				
								DHF-54H-390	19.89				
								DHF-54H-385	19.64				
					xvi	Mono c-Si PERC Module	DHF-54H-380 (380 Wp)	DHF-54H-380	19.38	108 (Half Cut Cells)	1500		
								DHF-54H-375	19.13				
					xvii	Mono c-Si PERC Module	DHF-60H-575 (575 Wp)	DHF-60H-600	20.76	120 (Half Cut Cells)	1500		
								DHF-60H-595	20.58				
								DHF-60H-590	20.40				
								DHF-60H-585	20.23				
								DHF-60H-580	20.06				
								DHF-60H-575	19.88				
								DHF-60H-570	19.71				
								DHF-60H-565	19.54				
								DHF-60H-560	19.37				
								DHF-60H-555	19.19				
								DHF-60H-550	19.02				
					xviii	Mono c-Si PERC Module	DHF-54H-515 (515 Wp)	DHF-54H-540	20.78	108 (Half Cut Cells)	1500		
								DHF-54H-535	20.58				
								DHF-54H-530	20.39				
								DHF-54H-525	20.20				
								DHF-54H-520	20.01				
								DHF-54H-515	19.81				
								DHF-54H-510	19.62				
								DHF-54H-505	19.43				
								DHF-54H-500	19.24				
								DHF-54H-495	19.05				
					xix	Mono c-Si PERC Module	DHF-48H-460	DHF-48H-480	20.69	96 (Half Cut Cells)	1500		
								DHF-48H-475	20.48				
								DHF-48H-470	20.26				
								DHF-48H-465	20.05				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deeemd to be delisted)	
												From	To
					xix	Mono c-Si PERC Module	(460 Wp)	DHF-48H-460	19.83	96 (Half Cut Cells)	1500		
								DHF-48H-455	19.62				
								DHF-48H-450	19.40				
								DHF-48H-445	19.18				
					xx	N Type TOPCon Module	DHF72H24575T (575 Wp)	DHF72H24600T	23.23	144 (Half Cut Cells)	1500		
								DHF72H24595T	23.03				
								DHF72H24590T	22.84				
								DHF72H24585T	22.65				
								DHF72H24580T	22.45				
								DHF72H24575T	22.26				
								DHF72H24570T	22.07				
								DHF72H24565T	21.87				
								DHF72H24560T	21.68				
								DHF72H24555T	21.48				
								DHF72H24550T	21.29				
					xxi	Bifacial N Type TOPCon Module (Glass to Glass)	DHF72HG24575T (575 Wp)	DHF72HG24600T	23.23	144 (Half Cut Cells)	1500		
								DHF72HG24595T	23.03				
								DHF72HG24590T	22.84				
								DHF72HG24585T	22.65				
								DHF72HG24580T	22.45				
								DHF72HG24575T	22.26				
								DHF72HG24570T	22.07				
								DHF72HG24565T	21.87				
								DHF72HG24560T	21.68				
								DHF72HG24555T	21.48				
								DHF72HG24550T	21.29				
2	**M/s. ReNew Photovoltaics Private Limited (Model Addition & Capacity Addition)**	**Plot No-DTA-02-40 to 45, Domestic Tariff Area Phase-II, Mahindra World City, Tehsil-Sanganer, Jaipur-302037, Rajasthan, India**	**R-84003778**	**2926**	i	Bifacial N- Type TOPCon Modules (Glass to Glass)	RPS2MH72BD585 (585 Wp)	RPS2MH72BD565	21.87	144 (Half Cut Cells)	1500	16.11.2023	15.01.2027
								RPS2MH72BD570	22.06				
								RPS2MH72BD575	22.26				
								RPS2MH72BD580	22.45				
								RPS2MH72BD585	22.64				
								RPS2MH72BD590	22.84				
								RPS2MH72BD595	23.03				
								RPS2MH72BD600	23.23				
3	**M/s.Oswal Solar Structure Pvt Ltd (Model Addition & Capacity Addition)**	**Opp DD International Pvt Ltd, Link Road, Village Kutail, Karnal- 132037, Haryana, India**	**R-91013935**	**513**	i	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	OSWAL500MPN132TB (500 Wp)	OSWAL500MPN132TB	21.10	132 (Half Cut Cell)	1500	24.05.2024	23.05.2024
					ii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	OSWAL475MPN132TB (475 Wp)	OSWAL495MPN132TB	20.89	132 (Half Cut Cell)	1500		
								OSWAL490MPN132TB	20.67				
								OSWAL485MPN132TB	20.46				
								OSWAL480MPN132TB	20.25				
								OSWAL475MPN132TB	20.04				
								OSWAL470MPN132TB	19.83				
								OSWAL465MPN132TB	19.62				
								OSWAL460MPN132TB	19.41				
								OSWAL455MPN132TB	19.20				
					iii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	OSWAL550MPN144TB (550 Wp)	OSWAL550MPN144TB	21.29	144 (Half Cut Cell)	1500		
					iv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	OSWAL520MPN144TB (520 Wp)	OSWAL545MPN144TB	21.10	144 (Half Cut Cell)	1500		
								OSWAL540MPN144TB	20.90				
								OSWAL535MPN144TB	20.71				
								OSWAL530MPN144TB	20.52				
								OSWAL525MPN144TB	20.32				
								OSWAL520MPN144TB	20.13				
								OSWAL515MPN144TB	19.94				
								OSWAL510MPN144TB	19.74				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deeemd to be delisted)	
												From	To
								OSWAL505MPN144TB	19.55				
								OSWAL500MPN144TB	19.36				
								OSWAL495MPN144TB	19.16				
					v	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	OSWAL595MPN156TB (595 Wp)	OSWAL595MPN156TB	21.31	156 (Half Cut Cell)	1500		
					vi	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	OSWAL575MPN156TB (575 Wp)	OSWAL590MPN156TB	21.13	156 (Half Cut Cell)	1500		
								OSWAL585MPN156TB	20.95				
								OSWAL580MPN156TB	20.77				
								OSWAL575MPN156TB	20.60				
								OSWAL570MPN156TB	20.42				
								OSWAL565MPN156TB	20.24				
								OSWAL560MPN156TB	20.06				
								OSWAL555MPN156TB	19.88				
								OSWAL550MPN156TB	19.70				
4	**M/s. Unique Sun Power LLP (Renewal & Model Addition)**	**BL No. 2281/2/1/1, Sub Plot 1-A, Tadkeshwar, Near Areth Minnor Canal, Mandvi, Surat - 394170, Gujarat, India**	**R-72005550**	**160**	i	Bifacial N-Type TOPCon Module (Glass to Glass)	SUN156P615 (615 Wp)	SUN156P630	22.53	156 (Half Cut Cells)	1500	21.05.2025	20.05.2029
								SUN156P625	22.35				
								SUN156P620	22.17				
								SUN156P615	21.99				
								SUN156P610	21.81				
								SUN156P605	21.63				
								SUN156P600	21.45				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	SUN144T565 (565 Wp)	SUN144T590	22.83	144 (Half Cut Cells)	1500		
								SUN144T585	22.63				
								SUN144T580	22.44				
								SUN144T575	22.25				
								SUN144T570	22.05				
								SUN144T565	21.86				
								SUN144T560	21.67				
								SUN144T555	21.47				
								SUN144T550	21.28				
								SUN144T545	21.09				
								SUN144T540	20.89				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	SUN132T520 (520 Wp)	SUN132T535	22.53	132 (Half Cut Cells)	1500		
								SUN132T530	22.32				
								SUN132T525	22.11				
								SUN132T520	21.90				
								SUN132T515	21.69				
								SUN132T510	21.48				
								SUN132T500	21.06				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	SUN120T480 (480 Wp)	SUN120T490	22.67	120 (Half Cut Cells)	1500		
								SUN120T485	22.44				
								SUN120T480	22.21				
								SUN120T470	21.74				
								SUN120T460	21.28				
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	SUN108T420 (420 Wp)	SUN108T440	22.52	108 (Half Cut Cells)	1500		
								SUN108T435	22.26				
								SUN108T430	22.01				
								SUN108T420	21.49				
								SUN108T410	20.98				
								SUN108T400	20.47				
					vi	Mono PERC C-Si Module	SUN144P535 (535 Wp)	SUN144P550	21.34	144 (Half Cut Cell)	1500		
								SUN144P545	21.14				
								SUN144P540	20.95				
								SUN144P535	20.76				
								SUN144P530	20.56				
								SUN144P525	20.37				
								SUN144P520	20.18				
						Mono PERC C-Si	SUN120P445	SUN120P465	21.45				
								SUN120P460	21.23				
								SUN120P455	21.01				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deeemd to be delisted)	
												From	To
					vii	Mono PERC C-Si Module	SUN120P445 (445 Wp)	SUN120P450	20.79	120 (Half Cut Cell)	1500		
								SUN120P445	20.55				
								SUN120P440	20.30				
								SUN120P435	20.07				
					viii	Mono PERC C-Si Module	SUN108P410 (410 Wp)	SUN108P420	21.43	108 (Half Cut Cell)	1500		
								SUN108P415	21.16				
								SUN108P410	20.90				
								SUN108P405	20.65				
								SUN108P400	20.39				
5	M/s. Insolation Green Energy Pvt. Ltd (Model Addition & Capacity Addition)	Khasra No 11/1, 1136/9, Chomu, Jatavali, Jaipur-302001, Rajasthan, India	R-84003549	637	i	N-Type TOPCon Module	INA-144THC-WF-560 (560 Wp)	INA-144THC-WF-580	22.45	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								INA-144THC-WF-575	22.26				
								INA-144THC-WF-570	22.07				
								INA-144THC-WF-565	21.87				
								INA-144THC-WF-560	21.68				
								INA-144THC-WF-555	21.48				
								INA-144THC-WF-550	21.29				
								INA-144THC-WF-545	21.10				
					ii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	INA-144THC-TF-560 (560 Wp)	INA-144THC-TF-580	22.45	144 (Half Cut Cells)	1500		
								INA-144THC-TF-575	22.26				
								INA-144THC-TF-570	22.07				
								INA-144THC-TF-565	21.87				
								INA-144THC-TF-560	21.68				
								INA-144THC-TF-555	21.48				
								INA-144THC-TF-550	21.29				
								INA-144THC-TF-545	21.10				
					iii	N-Type TOPCon Module	INA-132THC-WF-520 (520 Wp)	INA-132THC-WF-545	22.94	132 (Half Cut Cells)	1500		
								INA-132THC-WF-540	22.73				
								INA-132THC-WF-535	22.52				
								INA-132THC-WF-530	22.31				
								INA-132THC-WF-525	22.10				
								INA-132THC-WF-520	21.89				
								INA-132THC-WF-515	21.68				
								INA-132THC-WF-510	21.47				
								INA-132THC-WF-505	21.26				
								INA-132THC-WF-500	21.05				
					iv	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	INA-132THC-TF-520 (520 Wp)	INA-132THC-TF-545	22.94	132 (Half Cut Cells)	1500		
								INA-132THC-TF-540	22.73				
								INA-132THC-TF-535	22.52				
								INA-132THC-TF-530	22.31				
								INA-132THC-TF-525	22.10				
								INA-132THC-TF-520	21.89				
								INA-132THC-TF-515	21.68				
								INA-132THC-TF-510	21.47				
								INA-132THC-TF-505	21.26				
								INA-132THC-TF-500	21.05				
					v	N-Type TOPCon Module	INA-120THC-WF-475 (475 Wp)	INA-120THC-WF-495	22.79	120 (Half Cut Cells)	1500		
								INA-120THC-WF-490	22.56				
								INA-120THC-WF-485	22.33				
								INA-120THC-WF-480	22.10				
								INA-120THC-WF-475	21.87				
								INA-120THC-WF-470	21.64				
								INA-120THC-WF-465	21.41				
								INA-120THC-WF-460	21.18				
								INA-120THC-WF-455	20.95				
					vi	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	INA-120THC-TF-475 (475 Wp)	INA-120THC-TF-495	22.79	120 (Half Cut Cells)	1500		
								INA-120THC-TF-490	22.56				
								INA-120THC-TF-485	22.33				
								INA-120THC-TF-480	22.10				
								INA-120THC-TF-475	21.87				
								INA-120THC-TF-470	21.64				
								INA-120THC-TF-465	21.41				
								INA-120THC-TF-460	21.18				
								INA-120THC-TF-455	20.95				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deeemd to be delisted)	
												From	To
					vii	N-Type TOPCon Module	INA-108THC-WF-430 (430 Wp)	INA-108THC-WF-450	22.94	108 (Half Cut Cells)	1500		
								INA-108THC-WF-445	22.68				
								INA-108THC-WF-440	22.43				
								INA-108THC-WF-435	22.17				
								INA-108THC-WF-430	21.92				
								INA-108THC-WF-425	21.66				
								INA-108THC-WF-420	21.41				
								INA-108THC-WF-415	21.15				
								INA-108THC-WF-410	20.90				
					viii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	INA-108THC-TF-430 (430 Wp)	INA-108THC-TF-450	22.94	108 (Half Cut Cells)	1500		
								INA-108THC-TF-445	22.68				
								INA-108THC-TF-440	22.43				
								INA-108THC-TF-435	22.17				
								INA-108THC-TF-430	21.92				
								INA-108THC-TF-425	21.66				
								INA-108THC-TF-420	21.41				
								INA-108THC-TF-415	21.15				
								INA-108THC-TF-410	20.90				
					ix	Bifacial N-Type TOPCon Module (Glass to Glass)	INA-156THC-GGF-610 (610 Wp)	INA-156THC-GGF-630	22.54	156 (Half Cut Cells)	1500		
								INA-156THC-GGF-625	22.36				
								INA-156THC-GGF-620	22.18				
								INA-156THC-GGF-615	22.00				
								INA-156THC-GGF-610	21.82				
								INA-156THC-GGF-605	21.64				
								INA-156THC-GGF-600	21.46				
								INA-156THC-GGF-595	21.29				
								INA-156THC-GGF-590	21.11				
					x	Bifacial N-Type TOPCon Module (Glass to Glass)	INA-144THC-GGF-560 (560 Wp)	INA-144THC-GGF-580	22.45	144 (Half Cut Cells)	1500		
								INA-144THC-GGF-575	22.26				
								INA-144THC-GGF-570	22.07				
								INA-144THC-GGF-565	21.87				
								INA-144THC-GGF-560	21.68				
								INA-144THC-GGF-555	21.48				
								INA-144THC-GGF-550	21.29				
								INA-144THC-GGF-545	21.10				
					xi	Bifacial N-Type TOPCon Module (Glass to Glass)	INA-132THC-GGF-530 (530 Wp)	INA-132THC-GGF-540	22.73	132 (Half Cut Cells)	1500		
								INA-132THC-GGF-535	22.52				
								INA-132THC-GGF-530	22.31				
								INA-132THC-GGF-525	22.10				
								INA-132THC-GGF-520	21.89				
					xii	Bifacial N-Type TOPCon Module (Glass to Glass)	INA-120THC-GGF-465 (465 Wp)	INA-120THC-GGF-475	21.87	120 (Half Cut Cells)	1500		
								INA-120THC-GGF-470	21.64				
								INA-120THC-GGF-465	21.41				
								INA-120THC-GGF-460	21.18				
					xiii	Bifacial N-Type TOPCon Module (Glass to Glass)	INA-108THC-GGF-420 (420 Wp)	INA-108THC-GGF-430	21.92	108 (Half Cut Cells)	1500		
								INA-108THC-GGF-425	21.66				
								INA-108THC-GGF-420	21.41				
								INA-108THC-GGF-415	21.15				
								INA-108THC-GGF-410	20.90				
					xiv	Bifacial N-Type TOPCon Module (Glass to Glass)	INA-96THC-GGF-370 (370 Wp)	INA-96THC-GGF-380	21.62	96 (Half Cut Cells)	1500		
								INA-96THC-GGF-375	21.33				
								INA-96THC-GGF-370	21.05				
								INA-96THC-GGF-365	20.77				
								INA-96THC-GGF-360	20.48				
					xv	Bifacial N-Type TOPCon Module (Glass to Glass)	INA-72THC-GGF-280 (280 Wp)	INA-72THC-GGF-285	21.23	72 (Half Cut Cells)	1500		
								INA-72THC-GGF-280	20.85				
								INA-72THC-GGF-275	20.48				
6	M/s. Integrated Batteries India Pvt Ltd (Model Addition)	Plot No. 40, Sector -10, Greater Noida - 201310, Uttar Pradesh, India	R-93017612	93	i	Mono c-Si PERC Module	IBMPH-205 (205 Wp)	IBMPH-200	19.17	56 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								IBMPH-205	19.65				
								IBMPH-210	20.13				
					ii	Mono c-Si PERC Module	IBMPH-355	IBMPH-345	19.70	96 (Half Cut Cells)	1500		
								IBMPH-350	19.99				
								IBMPH-355	20.28				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deeemd to be delisted)	
												From	To
					ii	Mono c-Si PERC Module	(355 Wp)	IBMPH-360	20.56	96 (Half Cut Cells)	1500		
								IBMPH-365	20.85				
								IBMPH-370	21.13				
					iii	Mono c-Si PERC Module	IBMPH-270 (270 Wp)	IBMPH-260	19.43	72 (Half Cut Cells)	1500		
								IBMPH-265	19.80				
								IBMPH-270	20.18				
								IBMPH-275	20.55				
					iv	Mono c-Si PERC Module	IBMPH-220 (220 Wp)	IBMPH-215	19.32	60 (Half Cut Cells)	1500		
								IBMPH-220	19.77				
								IBMPH-225	20.22				
					v	Mono c-Si PERC Module	IBMPH-180 (180 Wp)	IBMPH-185	20.47	48 (Half Cut Cells)	1500		
								IBMPH-180	19.91				
								IBMPH-175	19.36				
					vi	Mono c-Si PERC Module	IBMPH-195 (195 Wp)	IBMPH-190	19.52	52 (Half Cut Cells)	1500		
								IBMPH-195	20.03				
					vii	Mono c-Si PERC Module	IBMPH-120 (120 Wp)	IBMPH-120	19.48	32 (Half Cut Cells)	1500		
								IBMPH-125	20.30				
					viii	Mono c-Si PERC Module	IBMPH-165 (165 Wp)	IBMPH-160	19.18	44 (Half Cut Cells)	1500		
								IBMPH-165	19.78				
								IBMPH-170	20.38				
					ix	Mono c-Si PERC Module	IBMPH-150 (150 Wp)	IBMPH-155	20.44	40 (Half Cut Cells)	1500		
								IBMPH-150	19.78				
								IBMPH-145	19.12				
					x	Mono c-Si PERC Module	IBMPH-105 (105 Wp)	IBMPH-105	19.31	28 (Half Cut Cells)	1500		
					xi	Mono c-Si PERC Module	IBMPH-135 (135 Wp)	IBMPH-140	20.54	36 (Half Cut Cells)	1500		
								IBMPH-135	19.80				
								IBMPH-130	19.07				
					xii	Mono c-Si PERC Module	IBMPH-310 (310 Wp)	IBMPH-300	19.42	84 (Half Cut Cells)	1500		
								IBMPH-305	19.75				
								IBMPH-310	20.07				
								IBMPH-315	20.39				
								IBMPH-320	20.72				
					xiii	Mono c-Si PERC Module	IBMPH-235 (235 Wp)	IBMPH-240	20.29	64 (Half Cut Cells)	1500		
								IBMPH-235	19.87				
								IBMPH-230	19.45				
					xiv	Mono c-Si PERC Module	IBMPH-250 (250 Wp)	IBMPH-245	19.56	68 (Half Cut Cells)	1500		
								IBMPH-250	19.96				
								IBMPH-255	20.36				
					xv	Mono c-Si PERC Module	IBMPH-090 (090 Wp)	IBMPH-090	19.07	24 (Half Cut Cells)	1500		
7	M/s. Navitas Green Solutions Pvt. Ltd. (Model Addition)	Plot No. B-20/3, Road No. 13, 14, Palsana-Baleshwar Rd, Hoziwala Industrial Estate, Sachin, Surat394230, Gujarat , India	R-72003140	250	i	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	NSM-BF96-M10-360 (360 Wp)	NSM-BF96-M10-350	20.07	96 (Half Cut cells)	1500	10.03.2023	09.03.2027
								NSM-BF96-M10-355	20.35				
								NSM-BF96-M10-360	20.64				
								NSM-BF96-M10-365	20.93				
					ii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	NSM-BF108-M10-400 (400 Wp)	NSM-BF108-M10-390	19.96	108 (Half Cut cells)	1500		
								NSM-BF108-M10-395	20.22				
								NSM-BF108-M10-400	20.47				
								NSM-BF108-M10-405	20.73				
								NSM-BF108-M10-410	20.98				
					iii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	NSM-BF120-M10-445 (445 Wp)	NSM-BF120-M10-435	20.10	120 (Half cut cells)	1500		
								NSM-BF120-M10-440	20.34				
								NSM-BF120-M10-445	20.57				
								NSM-BF120-M10-450	20.80				
								NSM-BF120-M10-455	21.03				
					iv	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	NSM-BF132-M10-490 (490 Wp)	NSM-BF132-M10-480	20.22	132 (Half Cut Cells)	1500		
								NSM-BF132-M10-485	20.43				
								NSM-BF132-M10-490	20.64				
								NSM-BF132-M10-495	20.86				
								NSM-BF132-M10-500	21.07				
								NSM-BF144-M10-525	20.32				
								NSM-BF144-M10-530	20.52				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deeemd to be delisted)	
												From	To
					v	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	NSM-BF144-M10-545 (545 Wp)	NSM-BF144-M10-535	20.71	144 (Half Cut Cells)	1500		
								NSM-BF144-M10-540	20.90				
								NSM-BF144-M10-545	21.10				
								NSM-BF144-M10-550	21.29				
								NSM-BF144-M10-555	21.48				
								NSM-BF144-M10-560	21.68				
					vi	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	NSM-BF156-M10-575 (575 Wp)	NSM-BF156-M10-560	20.03	156 (Half Cut Cells)	1500		
								NSM-BF156-M10-565	20.21				
								NSM-BF156-M10-570	20.39				
								NSM-BF156-M10-575	20.57				
								NSM-BF156-M10-580	20.75				
								NSM-BF156-M10-585	20.93				
8	M/s. Pahal Solar Private Limited (Model Addition)	Ground Floor, Block No. 71, 72 Plot No. 167 to 171, 180 to 189, 19, E-172, 173,178, 179. Opp. Shiv Shakti Estate, Olpad, Surat-394540, Gujarat, India	R-72001848	282	i	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	PSN_600 (600 Wp)	PSN_585	22.65	144 (Half cut cells)	1500	10.11.2023	09.11.2027
								PSN_590	22.84				
								PSN_595	23.03				
								PSN_600	23.23				
								PSN_605	23.42				
								PSN_610	23.61				
9	M/s. ReNew Photovoltaics Private Limited (Model Addition)	Plot No. 232, TP-2/A, Dholera Special Investment Region, Dholera, Ahmedabad - 382455, Gujarat, India	R-72009903	1766	i	Bifacial Mono c-Si PERC Module (Glass to Glass)	RSP2MH72BD515 (515 Wp)	RSP2MH72BD505	19.55	144 (Half cut cells)	1500	10.04.2024	09.04.2028
								RSP2MH72BD510	19.74				
								RSP2MH72BD515	19.94				
								RSP2MH72BD520	20.13				
								RSP2MH72BD525	20.32				
10	M/s. SAN Energy and Solution (Model Addition)	Plot No. 356, San Energy Solution, Near Girdharia Mod, Sheosagar, NH2, Sasaram, Rohtas- 821111, Bihar, India	R-53000221	27	i	Mono c-Si PERC Module	SG420WP (420 Wp)	SG410WP	20.65	72 (Full Cells)	1500	23.01.2025	22.01.2029
								SG420WP	21.16				
11	M/s. Surya International Enterprise Private Limited (Model Addition)	Plot No. S4-E1-21, EMC Park, Infovally II, Harekrushnapur, Jatani, Bhubaneswar-751019, Orissa, India	R-52000175	77	i	Mono c-Si PERC Module	SI500M10-132 (500 Wp)	SI500M10-132	21.05	132 (Half Cut Cells)	1500	16.11.2023	15.11.2027
					ii	Mono c-Si PERC Module	SI120M10-32 (120 Wp)	SI120M10-32	19.66	32 (Half Cut Cells)	1500		
12	M/s. Indosol Solar Private Limited (New Addition in ALMM)	Sy. Nos. 584/9,584/10,584/11, Chevuru Village, Gudluru Mandal, Nellore District - 500016, Andhra Pradesh , India	R-66003000	472	i	Bifacial Mono c-Si PERC Module (Glass to Glass)	ISBD1M10BN0380 (380 Wp)	ISBD1M10BN0375	19.20	108 (Half Cut Cells)	1500	21.05.2025	20.05.2029
								ISBD1M10BN0380	19.46				
								ISBD1M10BN0385	19.72				
								ISBD1M10BN0390	19.97				
								ISBD1M10BN0395	20.23				
					ii	Bifacial Mono c-Si PERC Module (Glass to Glass)	ISBD1M10BN1420 (420 Wp)	ISBD1M10BN1415	19.18	120 (Half Cut Cells)	1500		
								ISBD1M10BN1420	19.41				
								ISBD1M10BN1425	19.64				
								ISBD1M10BN1430	19.87				
					iii	Bifacial Mono c-Si PERC Module (Glass to Glass)	ISBD1M10BN1445 (445 Wp)	ISBD1M10BN1435	20.10	120 (Half Cut Cells)	1500		
								ISBD1M10BN1440	20.34				
								ISBD1M10BN1445	20.57				
								ISBD1M10BN1450	20.80				
								ISBD1M10BN1455	21.03				
					iv	Bifacial Mono c-Si PERC Module (Glass to Glass)	ISBD1M10BN2460 (460 Wp)	ISBD1M10BN2455	19.18	132 (Half Cut Cells)	1500		
								ISBD1M10BN2460	19.39				
								ISBD1M10BN2465	19.60				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deeemd to be delisted)	
												From	To
						(Glass to Glass)		ISBD1M10BN2470	19.81				
					v	Bifacial Mono c-Si PERC Module (Glass to Glass)	ISBD1M10BN2490 (490 Wp)	ISBD1M10BN2475	20.02	132 (Half Cut Cells)	1500		
								ISBD1M10BN2480	20.23				
								ISBD1M10BN2485	20.44				
								ISBD1M10BN2490	20.65				
								ISBD1M10BN2495	20.87				
								ISBD1M10BN2500	21.08				
					vi	Bifacial Mono c-Si PERC Module (Glass to Glass)	ISBD1M10BN4510 (510 Wp)	ISBD1M10BN4495	19.16	144 (Half Cut Cells)	1500		
								ISBD1M10BN4500	19.36				
								ISBD1M10BN4505	19.55				
								ISBD1M10BN4510	19.74				
								ISBD1M10BN4515	19.94				
								ISBD1M10BN4520	20.13				
					vii	Bifacial Mono c-Si PERC Module (Glass to Glass)	ISBD1M10BN4540 (540 Wp)	ISBD1M10BN4525	20.32	144 (Half Cut Cells)	1500		
								ISBD1M10BN4530	20.52				
								ISBD1M10BN4535	20.71				
								ISBD1M10BN4540	20.90				
								ISBD1M10BN4545	21.10				
								ISBD1M10BN4550	21.29				
13	**M/s. Solex Energy Limited (Model Addition + Capacity Addition)**	**Plot No 1A, Block 938, Tadkeshwar, Kim Mandvi Road, Mandvi, Surat - 394110, Gujarat**	**R-72008125**	**1348**	i	Bifacial N- type Topcon Module (Glass to Glass)	STGP132R210B16-600 (600 Wp)	STGP132R210B16-625	23.14	132 (Half Cut Cells)	1500	01.09.2023	31.08.2027
								STGP132R210B16-620	22.95				
								STGP132R210B16-615	22.77				
								STGP132R210B16-610	22.58				
								STGP132R210B16-605	22.40				
								STGP132R210B16-600	22.21				
								STGP132R210B16-595	22.03				
								STGP132R210B16-590	21.84				
								STGP132R210B16-585	21.66				
								STGP132R210B16-580	21.47				
								STGP132R210B16-575	21.29				
								STGP132R210B16-570	21.10				
					ii	Bifacial N- type Topcon Module (Glass to Glass)	STGP120R210B16-540 (540 Wp)	STGP120R210B16-565	22.94	120 (Half Cut Cells)	1500		
								STGP120R210B16-560	22.74				
								STGP120R210B16-555	22.53				
								STGP120R210B16-550	22.33				
								STGP120R210B16-545	22.13				
								STGP120R210B16-540	21.92				
								STGP120R210B16-535	21.72				
								STGP120R210B16-530	21.52				
								STGP120R210B16-525	21.32				
								STGP120R210B16-520	21.11				
								STGP120R210B16-515	20.91				
					iii	Bifacial N- type Topcon Module (Glass to Glass)	STGP108R210B16-490 (490 Wp)	STGP108R210B16-510	22.92	108 (Half Cut Cells)	1500		
								STGP108R210B16-505	22.70				
								STGP108R210B16-500	22.47				
								STGP108R210B16-495	22.25				
								STGP108R210B16-490	22.02				
								STGP108R210B16-485	21.80				
								STGP108R210B16-480	21.57				
								STGP108R210B16-475	21.35				
								STGP108R210B16-470	21.12				
					iv	Bifacial N- type Topcon Module (Glass to Glass)	STGP96R210B16-430 (430 Wp)	STGP96R210B16-450	22.65	96 (Half Cut Cells)	1500		
								STGP96R210B16-445	22.40				
								STGP96R210B16-440	22.15				
								STGP96R210B16-435	21.89				
								STGP96R210B16-430	21.64				
								STGP96R210B16-425	21.39				
								STGP96R210B16-420	21.14				
								STGP96R210B16-415	20.89				
								STGP96R210B16-410	20.64				
						Bifacial N- type Topcon	STGP84R210B16-380	STGP84R210B16-395	22.59				
								STGP84R210B16-390	22.30				
								STGP84R210B16-385	22.02				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deeemd to be delisted)	
												From	To
					v	Module (Glass to Glass)	STGP84R210B16-380 (380 Wp)	STGP84R210B16-380	21.73	84 (Half Cut Cells)	1500		
								STGP84R210B16-375	21.45				
								STGP84R210B16-370	21.16				
								STGP84R210B16-365	20.87				
					vi	Bifacial N- type Topcon Module (Glass to Glass)	STGP72R210B16-325 (325 Wp)	STGP72R210B16-340	22.51	72 (Half Cut Cells)	1500		
								STGP72R210B16-335	22.18				
								STGP72R210B16-330	21.85				
								STGP72R210B16-325	21.52				
								STGP72R210B16-320	21.19				
								STGP72R210B16-315	20.85				
								STGP72R210B16-310	20.52				
					vii	Bifacial N- type Topcon Module (Glass to Glass)	LR8-SMF-66HGD-610M (610 Wp)	LR8-SMF-66HGD-625M	23.14	132 (Half Cut Cells)	1500		
								LR8-SMF-66HGD-620M	22.95				
								LR8-SMF-66HGD-615M	22.77				
								LR8-SMF-66HGD-610M	22.58				
								LR8-SMF-66HGD-605M	22.40				
								LR8-SMF-66HGD-600M	22.21				
								LR8-SMF-66HGD-595M	22.03				
					viii	Bifacial N- type Topcon Module (Glass to Glass)	STGP144M10B16-585 (585 Wp)	STGP144M10B16-610	23.61	144 (Half Cut Cells)	1500		
								STGP144M10B16-605	23.42				
								STGP144M10B16-600	23.23				
								STGP144M10B16-595	23.03				
								STGP144M10B16-590	22.84				
								STGP144M10B16-585	22.65				
								STGP144M10B16-580	22.45				
								STGP144M10B16-575	22.26				
								STGP144M10B16-570	22.07				
								STGP144M10B16-565	21.87				
								STGP144M10B16-560	21.68				
					ix	Bifacial N- type Topcon Module (Glass to Glass)	STGP132M10B16-515 (515 Wp)	STGP132M10B16-535	22.54	132 (Half Cut Cells)	1500		
								STGP132M10B16-530	22.33				
								STGP132M10B16-525	22.12				
								STGP132M10B16-520	21.91				
								STGP132M10B16-515	21.70				
								STGP132M10B16-510	21.49				
								STGP132M10B16-505	21.28				
								STGP132M10B16-500	21.07				
								STGP132M10B16-495	20.86				
								STGP132M10B16-490	20.64				
					x	Bifacial N- type Topcon Module (Glass to Glass)	STGP120M10B16-465 (465 Wp)	STGP120M10B16-485	22.36	120 (Half Cut Cells)	1500		
								STGP120M10B16-480	22.13				
								STGP120M10B16-475	21.90				
								STGP120M10B16-470	21.67				
								STGP120M10B16-465	21.44				
								STGP120M10B16-460	21.20				
								STGP120M10B16-455	20.97				
								STGP120M10B16-450	20.74				
								STGP120M10B16-445	20.51				
					xi	Bifacial N- type Topcon Module (Glass to Glass)	STGP108M10B16-415 (415 Wp)	STGP108M10B16-435	22.17	108 (Half Cut Cells)	1500		
								STGP108M10B16-430	21.92				
								STGP108M10B16-425	21.66				
								STGP108M10B16-420	21.41				
								STGP108M10B16-415	21.15				
								STGP108M10B16-410	20.90				
								STGP108M10B16-405	20.64				
								STGP108M10B16-400	20.39				
								STGP108M10B16-395	20.13				
					xii	Bifacial N- type Topcon Module (Glass to Glass)	STGP96M10B16-375 (375 Wp)	STGP96M10B16-390	22.33	96 (Half Cut Cells)	1500		
								STGP96M10B16-385	22.05				
								STGP96M10B16-380	21.76				
								STGP96M10B16-375	21.47				
								STGP96M10B16-370	21.19				
								STGP96M10B16-365	20.90				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deeemd to be delisted)	
												From	To
								STGP96M10B16-360	20.61				
					xiii	Bifacial N- type Topcon Module (Glass to Glass)	STGP84M10B16-325 (325 Wp)	STGP84M10B16-340	22.13	84 (Half Cut Cells)	1500		
								STGP84M10B16-335	21.80				
								STGP84M10B16-330	21.48				
								STGP84M10B16-325	21.15				
								STGP84M10B16-320	20.83				
								STGP84M10B16-315	20.50				
								STGP84M10B16-310	20.17				
					xiv	Bifacial N- type Topcon Module (Glass to Glass)	STGP72M10B16-280 (280 Wp)	STGP72M10B16-290	21.86	72 (Half Cut Cells)	1500		
								STGP72M10B16-285	21.48				
								STGP72M10B16-280	21.10				
								STGP72M10B16-275	20.73				
								STGP72M10B16-270	20.35				
14	**M/s. Mundra Solar PV Limited (Model Addition under Co-ALMM)**	**Co-ALMM with M/s Goldi Sun Private Limited Manufacturing Address: City Survey No. 920, Vijalpore Road, TA, Distt. Navsari, Gujarat – 396445, India**	**R-72012025**	**187 MW (As per CoBranding Agreement)**	i	Bifacial N Type TOPCon	ASB-M10-144-535 (535 Wp)	ASB-M10-144-520	20.12	144 (Half Cut cells)	1500	27.03.2025	16.01.2026
								ASB-M10-144-525	20.31				
								ASB-M10-144-530	20.51				
								ASB-M10-144-535	20.70				
								ASB-M10-144-540	20.89				
								ASB-M10-144-545	21.09				
								ASB-M10-144-550	21.28				
					ii	Bifacial N Type TOPCon	ASB-M10-144-580 (580 Wp)	ASB-M10-144-580	22.45	144 (Half Cut cells)	1500		
15	**M/s. Pravanya Solar India Private Limited (New Addition in ALMM)**	**C-2, Industrial Area, Madhya Marg, Bahadarabad, SIDCUL, Haridwar - 249403, Uttarakhand**	**R-83011754**	**79**	i	Mono c-Si PERC Modules	PSI550W/24V	PSI550W/24V	21.32	144 (Half Cut Cells)	1500	21.05.2025	20.05.2029
								PSI545W/24V	21.13				
					ii	Mono c-Si PERC Modules	PSI500W/24V	PSI500W/24V	20.91	132 (Half Cut Cells)	1500		
					iii	Mono c-Si PERC Modules	PSI200W/12V	PSI200W/12V	20.18	39 (Half Cut Cells)	1000		
					iv	Mono c-Si PERC Modules	PSI165W/12V	PSI165W/12V	19.88	36 (Half Cut Cells)	1000		
					v	Mono c-Si PERC Modules	PSI120W/12V	PSI120W/12V	19.73	36 (Half Cut Cells)	1000		
					vi	Mono c-Si PERC Modules	PSI110W/12V	PSI110W/12V	20.54	36 (Half Cut Cells)	1000		
16	**M/s.Renewsys India Pvt. Ltd (Capacity Addition)**	**Sy .No. 114/P, Srinagar (V) , Fabcity, Maheswaram (M), Ranga Reddy District - 501359,Telangana,India**	**R-63000760**	**1773**	i	Bifacial N type TOPCon Modules (Glass to Glass)	DESERV EXTREME–450 (450 Wp)	DESERV EXTREME–450	22.97	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								DESERV EXTREME–445	22.72				
								DESERV EXTREME–440	22.46				
								DESERV EXTREME–435	22.21				
								DESERV EXTREME–430	21.95				
								DESERV EXTREME–425	21.70				
								DESERV EXTREME–420	21.44				
								DESERV EXTREME–415	21.18				
					ii	Bifacial N type TOPCon Modules (Glass to Glass)	DESERV EXTREME–500 (500 Wp)	DESERV EXTREME–500	23.06	120 (Half Cut Cells)	1500		
								DESERV EXTREME–495	22.83				
								DESERV EXTREME–490	22.60				
								DESERV EXTREME–485	22.37				
								DESERV EXTREME–480	22.13				
								DESERV EXTREME–475	21.90				
								DESERV EXTREME–470	21.67				
								DESERV EXTREME–465	21.44				
					iii	Bifacial N type TOPCon Modules (Glass to Glass)	DESERV EXTREME–600 (600 Wp)	DESERV EXTREME–600	23.26	144 (Half Cut Cells)	1500		
								DESERV EXTREME–595	23.06				
								DESERV EXTREME–590	22.87				
								DESERV EXTREME–585	22.68				
								DESERV EXTREME–580	22.48				
								DESERV EXTREME–575	22.29				
								DESERV EXTREME–570	22.09				
								DESERV EXTREME–565	21.90				
								DESERV EXTREME–650	23.30				
								DESERV EXTREME–645	23.12				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deeemd to be delisted)	
												From	To
					iv	Bifacial N type TOPCon Modules (Glass to Glass)	DESERV EXTREME–645 (645 Wp)	DESERV EXTREME–640	22.94	156 (Half Cut Cells)	1500		
								DESERV EXTREME–635	22.76				
								DESERV EXTREME–630	22.59				
								DESERV EXTREME–625	22.41				
								DESERV EXTREME–620	22.23				
								DESERV EXTREME–615	22.05				
					v	N type TOPCon Modules	DESERV SGALACTIC-635 (635 Wp)	DESERV SGALACTIC-635	22.76	156 (Half Cut Cells)	1500		
								DESERV SGALACTIC-630	22.59				
								DESERV SGALACTIC-625	22.41				
								DESERV SGALACTIC-620	22.23				
								DESERV SGALACTIC-615	22.05				
					vi	N type TOPCon Modules	DESERV SGALACTIC-590 (590 Wp)	DESERV SGALACTIC-590	22.87	144 (Half Cut Cells)	1500		
								DESERV SGALACTIC-585	22.68				
								DESERV SGALACTIC-580	22.48				
								DESERV SGALACTIC-575	22.29				
								DESERV SGALACTIC-570	22.09				
								DESERV SGALACTIC-565	21.90				
					vii	N type TOPCon Modules	DESERV SGALACTIC-490 (490 Wp)	DESERV SGALACTIC-490	22.60	120 (Half Cut Cells)	1500		
								DESERV SGALACTIC-485	22.37				
								DESERV SGALACTIC-480	22.13				
								DESERV SGALACTIC-475	21.90				
								DESERV SGALACTIC-470	21.67				
								DESERV SGALACTIC-465	21.44				
					viii	N type TOPCon Modules	DESERV SGALACTIC-440 (440 Wp)	DESERV SGALACTIC-440	22.46	108 (Half Cut Cells)	1500		
								DESERV SGALACTIC-435	22.21				
								DESERV SGALACTIC-430	21.95				
								DESERV SGALACTIC-425	21.70				
								DESERV SGALACTIC-420	21.44				
								DESERV SGALACTIC-415	21.18				
17	**M/s. Premier Energies Global Environment (P) Limited (New Addition in ALMM)**	**Plot No S-95,S-96,S-100,S-101,S-102,S-103 and S-104/Part 1, E-City , Raviryala, Maheswaram, Rangareddy - 501359, Telangana, India**	**R-63004740**	**1085**	i	Bifacial Mono c-Si PERC Module (Glass to Glass)	PEI-144-550HGB-M10 (550 Wp)	PEI-144-535HGB-M10	20.70	144 (Half Cut Cells)	1500	21.05.2025	20.05.2029
								PEI-144-540HGB-M10	20.89				
								PEI-144-545HGB-M10	21.09				
								PEI-144-550HGB-M10	21.28				
								PEI-144-555HGB-M10	21.48				
								PEI-144-560HGB-M10	21.67				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	PEI-132-615THGB-G12R (615 Wp)	PEI-132-600THGB-G12R	19.32	132 (Half Cut Cells) Cell size: 182*210mm 16 BB	1500		
								PEI-132-605THGB-G12R	19.48				
								PEI-132-610THGB-G12R	19.64				
								PEI-132-615THGB-G12R	19.80				
								PEI-132-620THGB-G12R	19.96				
								PEI-132-625THGB-G12R	20.12				
								PEI-132-630THGB-G12R	20.28				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	PEI-132-695THGB-G12 (695 Wp)	PEI-132-680THGB-G12	21.89	132 (Half Cut Cells) Cell size: 210*210mm 18 BB	1500		
								PEI-132-685THGB-G12	22.05				
								PEI-132-690THGB-G12	22.21				
								PEI-132-695THGB-G12	22.37				
								PEI-132-700THGB-G12	22.53				
								PEI-132-705THGB-G12	22.70				
								PEI-132-710THGB-G12	22.86				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	PEI-144-570THGB-M10 (570 Wp)	PEI-144-545THGB-M10	21.09	144 (Half Cut Cells)	1500		
								PEI-144-550THGB-M10	21.28				
								PEI-144-555THGB-M10	21.48				
								PEI-144-560THGB-M10	21.67				
								PEI-144-565THGB-M10	21.86				
								PEI-144-570THGB-M10	22.06				
								PEI-144-575THGB-M10	22.25				
								PEI-144-580THGB-M10	22.44				
								PEI-144-585THGB-M10	22.64				
								PEI-144-590THGB-M10	22.83				
18	**M/s. ADM Solar Power &**	**Plot No: 22/1, The Printer House Private Limited,**	**R-93011576**	**514**		Bifacial Mono c-Si PERC Module	ADM545	ADM540	20.93			24.05.2024	23.05.2028
								ADM545	21.13				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deeemd to be delisted)	
												From	To
	Infrastructure Pvt Ltd. (Model Addition + Capacity Addition)	Mathura Road, Ballabgarh, Sikri Industrial Area, Faridabad, Haryana - 121004, India			i	Module (Glass to Transperent Backsheet)	ADM545 (545Wp)	ADM550	21.32	144 (Half Cut Cells)	1500		
					ii	Mono c-Si PERC Module	ADM120 (120 Wp)	ADM120	19.73	32 (Half Cut Cells)	1000		
					iii	Mono c-Si PERC Module	ADMS90 (90 Wp)	ADMS90	19.29	36 (Half Cut Cells)	600		
19	M/s. Green Brilliance Renewable Energy LLP (New Addition in ALMM List)	Plot No 1408 G.I.D.C. Industrial Estate, Waghodia, Vadodara - 391760, Gujarat, India	R-72002119	32	i	N-Type TOPCon Module	GB120HC505 (505 Wp)	GB120HC490	22.67	120 (Half Cut Cells)	1500	21.05.2025	20.05.2029
								GB120HC495	22.90				
								GB120HC500	23.13				
								GB120HC505	23.36				
								GB120HC510	23.60				
								GB120HC515	23.83				
								GB120HC520	24.06				
					ii	N-Type TOPCon Module	GB132HC545 (545 Wp)	GB132HC530	22.30	132 (Half Cut Cells)	1500		
								GB132HC535	22.51				
								GB132HC540	22.72				
								GB132HC545	22.93				
								GB132HC550	23.14				
								GB132HC555	23.35				
								GB132HC560	23.56				
					iii	N-Type TOPCon Module	GB144HC585 (585 Wp)	GB144HC570	22.07	144 (Half Cut Cells)	1500		
								GB144HC575	22.26				
								GB144HC580	22.45				
								GB144HC585	22.65				
								GB144HC590	22.84				
								GB144HC595	23.03				
								GB144HC600	23.23				
					iv	N-Type TOPCon Module	GB156HC635 (635 Wp)	GB156HC620	22.19	156 (Half Cut Cells)	1500		
								GB156HC625	22.37				
								GB156HC630	22.55				
								GB156HC635	22.73				
								GB156HC640	22.90				
								GB156HC645	23.08				
								GB156HC650	23.26				
20	M/s. Goldi Sun Private Limited (Capacity Addition)	Unit no 6 (Type F) , Block No. 341, Prime Industrial and Logistic Hub, NR. P.P Savani University, NH-48,Gram Panchayat, Dhamdod - 394125, Surat, Gujarat, India	R-72012467	4588	i	Bifacial N-Type TOPCon Module (Glass to Glass)	GS10-T144-GF-575 (575 Wp)	GS10-T144-GF-595	23.03	144 (Half Cut Cell)	1500	27.03.2025	26.03.2029
								GS10-T144-GF-590	22.84				
								GS10-T144-GF-585	22.65				
								GS10-T144-GF-580	22.45				
								GS10-T144-GF-575	22.26				
								GS10-T144-GF-570	22.07				
								GS10-T144-GF-565	21.87				
								GS10-T144-GF-560	21.68				
								GS10-T144-GF-555	21.48				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	GS10-T132-GF-535 (535 Wp)	GS10-T132-GF-550	23.15	132 (Half Cut Cell)	1500		
								GS10-T132-GF-545	22.94				
								GS10-T132-GF-540	22.73				
								GS10-T132-GF-535	22.52				
								GS10-T132-GF-530	22.31				
								GS10-T132-GF-525	22.10				
								GS10-T132-GF-520	21.89				
								GS10-T132-GF-515	21.68				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	GS10-T120-GF-480 (480 Wp)	GS10-T120-GF-500	23.08	120 (Half Cut Cell)	1500		
								GS10-T120-GF-495	22.85				
								GS10-T120-GF-490	22.62				
								GS10-T120-GF-485	22.39				
								GS10-T120-GF-480	22.16				
								GS10-T120-GF-475	21.93				
								GS10-T120-GF-470	21.70				
								GS10-T120-GF-465	21.47				
								GS10-T108-GF-450	22.94				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deeemd to be delisted)	
												From	To
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	GS10-T108-GF-450 (450 Wp)	GS10-T108-GF-445	22.68	108 (Half Cut Cell)	1500		
								GS10-T108-GF-440	22.43				
								GS10-T108-GF-435	22.17				
								GS10-T108-GF-430	21.92				
								GS10-T108-GF-425	21.66				
								GS10-T108-GF-420	21.41				
								GS10-T108-GF-415	21.15				
21	**M/s. Gautam Solar Pvt. Ltd. (Model Addition + Capacity Addition)**	**7 KM Milestone, Tosham Road, Dist - Bhiwani, Bhiwani Khera - 127032, Haryana, India**	**R-91017574**	**852**	i	N-Type TOPCon Module	G2X1785N-UHAD (595Wp) (567Wp - 600Wp)	G2X1800N-UHAD	23.21	144 (Half Cut Cells)	1500	21.04.2025	20.04.2029
								G2X1797N-UHAD	23.17				
								G2X1794N-UHAD	23.13				
								G2X1791N-UHAD	23.09				
								G2X1788N-UHAD	23.05				
								G2X1785N-UHAD	23.01				
								G2X1782N-UHAD	22.97				
								G2X1779N-UHAD	22.94				
								G2X1776N-UHAD	22.90				
								G2X1773N-UHAD	22.86				
								G2X1770N-UHAD	22.82				
								G2X1767N-UHAD	22.78				
								G2X1764N-UHAD	22.74				
								G2X1761N-UHAD	22.70				
								G2X1758N-UHAD	22.66				
								G2X1755N-UHAD	22.63				
								G2X1752N-UHAD	22.59				
								G2X1749N-UHAD	22.55				
								G2X1746N-UHAD	22.51				
								G2X1743N-UHAD	22.47				
								G2X1740N-UHAD	22.43				
								G2X1737N-UHAD	22.39				
								G2X1734N-UHAD	22.36				
								G2X1731N-UHAD	22.32				
								G2X1728N-UHAD	22.28				
								G2X1725N-UHAD	22.24				
								G2X1722N-UHAD	22.20				
								G2X1719N-UHAD	22.16				
								G2X1716N-UHAD	22.12				
								G2X1713N-UHAD	22.08				
								G2X1710N-UHAD	22.05				
								G2X1707N-UHAD	22.01				
								G2X1704N-UHAD	21.97				
								G2X1701N-UHAD	21.93				
					ii	N-Type TOPCon	G2X1650N-UHAB (550Wp) (535Wp-560Wp)	G2X1680N-UHAB	23.57	132 (Half Cut Cells)	1500		
								G2X1677N-UHAB	23.53				
								G2X1674N-UHAB	23.49				
								G2X1671N-UHAB	23.45				
								G2X1668N-UHAB	23.40				
								G2X1665N-UHAB	23.36				
								G2X1662N-UHAB	23.32				
								G2X1659N-UHAB	23.28				
								G2X1656N-UHAB	23.23				
								G2X1653N-UHAB	23.19				
								G2X1650N-UHAB	23.15				
								G2X1647N-UHAB	23.11				
								G2X1644N-UHAB	23.07				
								G2X1641N-UHAB	23.02				
								G2X1638N-UHAB	22.98				
								G2X1635N-UHAB	22.94				
								G2X1632N-UHAB	22.90				
								G2X1629N-UHAB	22.86				
								G2X1626N-UHAB	22.81				
								G2X1623N-UHAB	22.77				
								G2X1620N-UHAB	22.73				
								G2X1617N-UHAB	22.69				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deeemd to be delisted)	
												From	To
								G2X1614N-UHAB	22.65				
								G2X1611N-UHAB	22.60				
								G2X1608N-UHAB	22.56				
								G2X1605N-UHAB	22.52				
					iii	N-Type TOPCon	G2X1560N-UHAB (520Wp) (505-530Wp)	G2X1590N-UHAB	22.31	132 (Half Cut Cells)	1500		
								G2X1575N-UHAB	22.10				
								G2X1560N-UHAB	21.89				
								G2X1545N-UHAB	21.68				
								G2X1530N-UHAB	21.47				
								G2X1515N-UHAB	21.26				
					iv	N-Type TOPCon	G2X1500N-UHAA (500Wp) (475Wp - 515Wp)	G2X1545N-UHAA	23.78	120 (Half Cut Cells)	1500		
								G2X1542N-UHAA	23.73				
								G2X1539N-UHAA	23.68				
								G2X1536N-UHAA	23.64				
								G2X1533N-UHAA	23.59				
								G2X1530N-UHAA	23.55				
								G2X1527N-UHAA	23.50				
								G2X1524N-UHAA	23.45				
								G2X1521N-UHAA	23.41				
								G2X1518N-UHAA	23.36				
								G2X1515N-UHAA	23.32				
								G2X1512N-UHAA	23.27				
								G2X1509N-UHAA	23.22				
								G2X1506N-UHAA	23.18				
								G2X1503N-UHAA	23.13				
								G2X1500N-UHAA	23.08				
								G2X1497N-UHAA	23.04				
								G2X1494N-UHAA	22.99				
								G2X1491N-UHAA	22.95				
								G2X1488N-UHAA	22.90				
								G2X1485N-UHAA	22.85				
								G2X1482N-UHAA	22.81				
								G2X1479N-UHAA	22.76				
								G2X1476N-UHAA	22.72				
								G2X1473N-UHAA	22.67				
								G2X1470N-UHAA	22.62				
								G2X1467N-UHAA	22.58				
								G2X1464N-UHAA	22.53				
								G2X1461N-UHAA	22.48				
								G2X1458N-UHAA	22.44				
								G2X1455N-UHAA	22.39				
								G2X1440N-UHAA	22.16				
								G2X1425N-UHAA	21.93				
					v	N-Type TOPCon	G2X1350N-UHAY (450Wp) (430Wp - 470Wp)	G2X1410N-UHAY	24.04	108 (Half Cut Cells)	1500		
								G2X1407N-UHAY	23.99				
								G2X1404N-UHAY	23.94				
								G2X1401N-UHAY	23.89				
								G2X1398N-UHAY	23.84				
								G2X1395N-UHAY	23.78				
								G2X1392N-UHAY	23.73				
								G2X1389N-UHAY	23.68				
								G2X1386N-UHAY	23.63				
								G2X1383N-UHAY	23.58				
								G2X1380N-UHAY	23.53				
								G2X1377N-UHAY	23.48				
								G2X1374N-UHAY	23.43				
								G2X1371N-UHAY	23.38				
								G2X1368N-UHAY	23.32				
								G2X1365N-UHAY	23.27				
								G2X1362N-UHAY	23.22				
								G2X1359N-UHAY	23.17				
								G2X1356N-UHAY	23.12				
								G2X1353N-UHAY	23.07				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deeemd to be delisted)	
												From	To
								G2X1350N-UHAY	23.02				
								G2X1347N-UHAY	22.97				
								G2X1344N-UHAY	22.92				
								G2X1341N-UHAY	22.86				
								G2X1338N-UHAY	22.81				
								G2X1335N-UHAY	22.76				
								G2X1332N-UHAY	22.71				
								G2X1329N-UHAY	22.66				
								G2X1326N-UHAY	22.61				
								G2X1323N-UHAY	22.56				
								G2X1320N-UHAY	22.51				
								G2X1305N-UHAY	22.25				
								G2X1290N-UHAY	21.99				
					vi	N-Type TOPCon	G2X1200N-UHAX (400Wp) (380-420Wp)	G2X1260N-UHAX	24.08	96 (Half Cut Cells)	1500		
								G2X1245N-UHAX	23.79				
								G2X1230N-UHAX	23.51				
								G2X1215N-UHAX	23.22				
								G2X1200N-UHAX	22.93				
								G2X1185N-UHAX	22.65				
								G2X1170N-UHAX	22.36				
								G2X1155N-UHAX	22.07				
								G2X1140N-UHAX	21.79				
					vii	N-Type TOPCon	G2X1065N-UHAC (355Wp) (335Wp - 370Wp)	G2X1110N-UHAC	24.10	84 (Half Cut Cells)	1500		
								G2X1095N-UHAC	23.77				
								G2X1080N-UHAC	23.45				
								G2X1065N-UHAC	23.12				
								G2X1050N-UHAC	22.79				
								G2X1035N-UHAC	22.47				
								G2X1020N-UHAC	22.14				
					viii	N-Type TOPCon	G2X1785NW-UHAD (595Wp) (567Wp - 600Wp)	G2X1800NW-UHAD	23.21	144 (Half Cut Cells)	1500		
								G2X1797NW-UHAD	23.17				
								G2X1794NW-UHAD	23.13				
								G2X1791NW-UHAD	23.09				
								G2X1788NW-UHAD	23.05				
								G2X1785NW-UHAD	23.01				
								G2X1782NW-UHAD	22.97				
								G2X1779NW-UHAD	22.94				
								G2X1776NW-UHAD	22.90				
								G2X1773NW-UHAD	22.86				
								G2X1770NW-UHAD	22.82				
								G2X1767NW-UHAD	22.78				
								G2X1764NW-UHAD	22.74				
								G2X1761NW-UHAD	22.70				
								G2X1758NW-UHAD	22.66				
								G2X1755NW-UHAD	22.63				
								G2X1752NW-UHAD	22.59				
								G2X1749NW-UHAD	22.55				
								G2X1746NW-UHAD	22.51				
								G2X1743NW-UHAD	22.47				
								G2X1740NW-UHAD	22.43				
								G2X1737NW-UHAD	22.39				
								G2X1734NW-UHAD	22.36				
								G2X1731NW-UHAD	22.32				
								G2X1728NW-UHAD	22.28				
								G2X1725NW-UHAD	22.24				
								G2X1722NW-UHAD	22.20				
								G2X1719NW-UHAD	22.16				
								G2X1716NW-UHAD	22.12				
								G2X1713NW-UHAD	22.08				
								G2X1710NW-UHAD	22.05				
								G2X1707NW-UHAD	22.01				
								G2X1704NW-UHAD	21.97				
								G2X1701NW-UHAD	21.93				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deeemd to be delisted)	
												From	To
					ix	N-Type TOPCon	G2X1650NW-UHAB (550Wp) (535Wp - 560Wp)	G2X1680NW-UHAB	23.57	132 (Half Cut Cells)	1500		
								G2X1677NW-UHAB	23.53				
								G2X1674NW-UHAB	23.49				
								G2X1671NW-UHAB	23.45				
								G2X1668NW-UHAB	23.40				
								G2X1665NW-UHAB	23.36				
								G2X1662NW-UHAB	23.32				
								G2X1659NW-UHAB	23.28				
								G2X1656NW-UHAB	23.23				
								G2X1653NW-UHAB	23.19				
								G2X1650NW-UHAB	23.15				
								G2X1647NW-UHAB	23.11				
								G2X1644NW-UHAB	23.07				
								G2X1641NW-UHAB	23.02				
								G2X1638NW-UHAB	22.98				
								G2X1635NW-UHAB	22.94				
								G2X1632NW-UHAB	22.90				
								G2X1629NW-UHAB	22.86				
								G2X1626NW-UHAB	22.81				
								G2X1623NW-UHAB	22.77				
								G2X1620NW-UHAB	22.73				
								G2X1617NW-UHAB	22.69				
								G2X1614NW-UHAB	22.65				
								G2X1611NW-UHAB	22.60				
								G2X1608NW-UHAB	22.56				
								G2X1605NW-UHAB	22.52				
					x	N-Type TOPCon	G2X1560NW-UHAB (520Wp) (505Wp - 530Wp)	G2X1590NW-UHAB	22.31	132 (Half Cut Cells)	1500		
								G2X1575NW-UHAB	22.10				
								G2X1560NW-UHAB	21.89				
								G2X1545NW-UHAB	21.68				
								G2X1530NW-UHAB	21.47				
								G2X1515NW-UHAB	21.26				
					xi	N-Type TOPCon	G2X1530NW-UHAA (510Wp) (501Wp - 515Wp)	G2X1545NW-UHAA	23.78	120 (Half Cut Cells)	1500		
								G2X1542NW-UHAA	23.73				
								G2X1539NW-UHAA	23.68				
								G2X1536NW-UHAA	23.64				
								G2X1533NW-UHAA	23.59				
								G2X1530NW-UHAA	23.55				
								G2X1527NW-UHAA	23.50				
								G2X1524NW-UHAA	23.45				
								G2X1521NW-UHAA	23.41				
								G2X1518NW-UHAA	23.36				
								G2X1515NW-UHAA	23.32				
								G2X1512NW-UHAA	23.27				
								G2X1509NW-UHAA	23.22				
								G2X1506NW-UHAA	23.18				
								G2X1503NW-UHAA	23.13				
					xii	N-Type TOPCon	G2X1470NW-UHAA (490Wp) (470Wp - 500Wp)	G2X1500NW-UHAA	23.08	120 (Half Cut Cells)	1500		
								G2X1497NW-UHAA	23.04				
								G2X1494NW-UHAA	22.99				
								G2X1491NW-UHAA	22.95				
								G2X1488NW-UHAA	22.90				
								G2X1485NW-UHAA	22.85				
								G2X1482NW-UHAA	22.81				
								G2X1479NW-UHAA	22.76				
								G2X1476NW-UHAA	22.72				
								G2X1473NW-UHAA	22.67				
								G2X1470NW-UHAA	22.62				
								G2X1467NW-UHAA	22.58				
								G2X1464NW-UHAA	22.53				
								G2X1461NW-UHAA	22.48				
								G2X1458NW-UHAA	22.44				
								G2X1455NW-UHAA	22.39				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deeemd to be delisted)	
												From	To
								G2X1440NW-UHAA	22.16				
								G2X1425NW-UHAA	21.93				
								G2X1410NW-UHAA	21.70				
					xiii	N-Type TOPCon	G2X1350NW-UHAY (450Wp) (425Wp - 465Wp)	G2X1395NW-UHAY	23.78	108 (Half Cut Cells)	1500		
								G2X1392NW-UHAY	23.73				
								G2X1389NW-UHAY	23.68				
								G2X1386NW-UHAY	23.63				
								G2X1383NW-UHAY	23.58				
								G2X1380NW-UHAY	23.53				
								G2X1377NW-UHAY	23.48				
								G2X1374NW-UHAY	23.43				
								G2X1371NW-UHAY	23.38				
								G2X1368NW-UHAY	23.32				
								G2X1365NW-UHAY	23.27				
								G2X1362NW-UHAY	23.22				
								G2X1359NW-UHAY	23.17				
								G2X1356NW-UHAY	23.12				
								G2X1353NW-UHAY	23.07				
								G2X1350NW-UHAY	23.02				
								G2X1347NW-UHAY	22.97				
								G2X1344NW-UHAY	22.92				
								G2X1341NW-UHAY	22.86				
								G2X1338NW-UHAY	22.81				
								G2X1335NW-UHAY	22.76				
								G2X1332NW-UHAY	22.71				
								G2X1329NW-UHAY	22.66				
								G2X1326NW-UHAY	22.61				
								G2X1323NW-UHAY	22.56				
								G2X1320NW-UHAY	22.51				
								G2X1305NW-UHAY	22.25				
								G2X1290NW-UHAY	21.99				
					xiv	N-Type TOPCon	G2X1200NW-UHAX (400Wp) (380Wp-415Wp)	G2X1245NW-UHAX	23.79	96 (Half Cut Cells)	1500		
								G2X1230NW-UHAX	23.51				
								G2X1215NW-UHAX	23.22				
								G2X1200NW-UHAX	22.93				
								G2X1185NW-UHAX	22.65				
								G2X1170NW-UHAX	22.36				
								G2X1155NW-UHAX	22.07				
								G2X1140NW-UHAX	21.79				
					xv	N-Type TOPCon	G2X1065NW-UHAC (355Wp) (340Wp - 365Wp)	G2X1095NW-UHAC	23.77	84 (Half Cut Cells)	1500		
								G2X1080NW-UHAC	23.45				
								G2X1065NW-UHAC	23.12				
								G2X1050NW-UHAC	22.79				
								G2X1035NW-UHAC	22.47				
								G2X1020NW-UHAC	22.14				
					xvi	N-Type TOPCon	G2X900NW-UHAF (300Wp) (285Wp-315Wp)	G2X945NW-UHAF	23.78	72 (Half Cut Cells)	1500		
								G2X930NW-UHAF	23.40				
								G2X915NW-UHAF	23.03				
								G2X900NW-UHAF	22.65				
								G2X885NW-UHAF	22.27				
								G2X870NW-UHAF	21.89				
								G2X855NW-UHAF	21.52				
								G2G1800-HAD	23.21				
								G2G1797-UHAD	23.17				
								G2G1794N-UHAD	23.13				
								G2G1791B-UHAD	23.09				
								G2G1788NB-UHAD	23.05				
								G2G1785-HAD	23.01				
								G2G1782-UHAD	22.97				
								G2G1779N-UHAD	22.94				
								G2G1776B-UHAD	22.90				
								G2G1773NB-UHAD	22.86				
								G2G1770-HAD	22.82				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deeemd to be delisted)	
												From	To
					xvii	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1785-HAD (595Wp) (567Wp - 600Wp)	G2G1767-UHAD	22.78	144 (Half Cut Cells)	1500		
								G2G1764N-UHAD	22.74				
								G2G1761B-UHAD	22.70				
								G2G1758NB-UHAD	22.66				
								G2G1755-HAD	22.63				
								G2G1752-UHAD	22.59				
								G2G1749N-UHAD	22.55				
								G2G1746B-UHAD	22.51				
								G2G1743NB-UHAD	22.47				
								G2G1740-HAD	22.43				
								G2G1737-UHAD	22.39				
								G2G1734N-UHAD	22.36				
								G2G1731B-UHAD	22.32				
								G2G1728NB-UHAD	22.28				
								G2G1725-HAD	22.24				
								G2G1722-UHAD	22.20				
								G2G1719N-UHAD	22.16				
								G2G1716B-UHAD	22.12				
								G2G1713NB-UHAD	22.08				
								G2G1710-HAD	22.05				
								G2G1707-UHAD	22.01				
								G2G1704N-UHAD	21.97				
								G2G1701B-UHAD	21.93				
					xviii	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1650-HAB (550Wp) (531Wp - 560Wp)	G2G1680-HAB	23.57	132 (Half Cut Cells)	1500		
								G2G1677-UHAB	23.53				
								G2G1674N-UHAB	23.49				
								G2G1671B-UHAB	23.45				
								G2G1668NB-UHAB	23.40				
								G2G1665-HAB	23.36				
								G2G1662-UHAB	23.32				
								G2G1659N-UHAB	23.28				
								G2G1656B-UHAB	23.23				
								G2G1653NB-UHAB	23.19				
								G2G1650-HAB	23.15				
								G2G1647-UHAB	23.11				
								G2G1644N-UHAB	23.07				
								G2G1641B-UHAB	23.02				
								G2G1638NB-UHAB	22.98				
								G2G1635-HAB	22.94				
								G2G1632-UHAB	22.90				
								G2G1629N-UHAB	22.86				
								G2G1626B-UHAB	22.81				
								G2G1623NB-UHAB	22.77				
								G2G1620-HAB	22.73				
								G2G1617-UHAB	22.69				
								G2G1614N-UHAB	22.65				
								G2G1611B-UHAB	22.60				
								G2G1608NB-UHAB	22.56				
								G2G1605-HAB	22.52				
								G2G1602-UHAB	22.48				
								G2G1599N-UHAB	22.44				
								G2G1596B-UHAB	22.39				
								G2G1593NB-UHAB	22.35				
								G2G1590-HAB	22.31				
								G2G1587-UHAB	22.27				
								G2G1584N-UHAB	22.22				
								G2G1581B-UHAB	22.18				
								G2G1578NB-UHAB	22.14				
								G2G1575-HAB	22.10				
								G2G1572-UHAB	22.06				
								G2G1569N-UHAB	22.01				
								G2G1566B-UHAB	21.97				
								G2G1563NB-UHAB	21.93				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deeemd to be delisted)	
												From	To
					xix	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1560-HAB (520Wp) (505Wp - 530Wp)	G2G1560-HAB	21.89	132 (Half Cut Cells)	1500		
								G2G1557-UHAB	21.85				
								G2G1554N-UHAB	21.80				
								G2G1551B-UHAB	21.76				
								G2G1548NB-UHAB	21.72				
								G2G1545-HAB	21.68				
								G2G1542-UHAB	21.64				
								G2G1539N-UHAB	21.59				
								G2G1536B-UHAB	21.55				
								G2G1533NB-UHAB	21.51				
								G2G1530-HAB	21.47				
								G2G1527-UHAB	21.42				
								G2G1524N-UHAB	21.38				
								G2G1521B-UHAB	21.34				
								G2G1518NB-UHAB	21.30				
								G2G1515-HAB	21.26				
					xx	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1485-HAA (495Wp) (470Wp - 510Wp)	G2G1530-HAA	23.56	120 (Half Cut Cells)	1500		
								G2G1527-UHAA	23.51				
								G2G1524N-UHAA	23.47				
								G2G1521B-UHAA	23.42				
								G2G1518NB-UHAA	23.37				
								G2G1515-HAA	23.33				
								G2G1512-UHAA	23.28				
								G2G1509N-UHAA	23.24				
								G2G1506B-UHAA	23.19				
								G2G1503NB-UHAA	23.14				
								G2G1500-HAA	23.10				
								G2G1497-UHAA	23.05				
								G2G1494N-UHAA	23.00				
								G2G1491B-UHAA	22.96				
								G2G1488NB-UHAA	22.91				
								G2G1485-HAA	22.87				
								G2G1482-UHAA	22.82				
								G2G1479N-UHAA	22.77				
								G2G1476B-UHAA	22.73				
								G2G1473NB-UHAA	22.68				
								G2G1470-HAA	22.63				
								G2G1467-UHAA	22.59				
								G2G1464N-UHAA	22.54				
								G2G1461B-UHAA	22.50				
								G2G1458NB-UHAA	22.45				
								G2G1455-HAA	22.40				
								G2G1452-UHAA	22.36				
								G2G1449N-UHAA	22.31				
								G2G1446B-UHAA	22.27				
								G2G1443NB-UHAA	22.22				
								G2G1440-HAA	22.17				
								G2G1437-UHAA	22.13				
								G2G1434N-UHAA	22.08				
								G2G1431B-UHAA	22.03				
								G2G1428NB-UHAA	21.99				
								G2G1425-HAA	21.94				
								G2G1422-UHAA	21.90				
								G2G1419N-UHAA	21.85				
								G2G1416B-UHAA	21.80				
								G2G1413NB-UHAA	21.76				
								G2G1410-HAA	21.71				
								G2G1395-HAY	23.78				
								G2G1392-UHAY	23.73				
								G2G1389N-UHAY	23.68				
								G2G1386B-UHAY	23.63				
								G2G1383NB-UHAY	23.58				
								G2G1380-HAY	23.53				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deeemd to be delisted)	
												From	To
					xxi	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1344N-UHAY (448Wp) (425Wp - 465Wp)	G2G1377-UHAY	23.48	108 (Half Cut Cells)	1500		
								G2G1374N-UHAY	23.43				
								G2G1371B-UHAY	23.38				
								G2G1368NB-UHAY	23.32				
								G2G1365-HAY	23.27				
								G2G1362-UHAY	23.22				
								G2G1359N-UHAY	23.17				
								G2G1356B-UHAY	23.12				
								G2G1353NB-UHAY	23.07				
								G2G1350-HAY	23.02				
								G2G1347-UHAY	22.97				
								G2G1344N-UHAY	22.92				
								G2G1341B-UHAY	22.86				
								G2G1338NB-UHAY	22.81				
								G2G1335-HAY	22.76				
								G2G1332-UHAY	22.71				
								G2G1329N-UHAY	22.66				
								G2G1326B-UHAY	22.61				
								G2G1323NB-UHAY	22.56				
								G2G1320-HAY	22.51				
								G2G1317-UHAY	22.46				
								G2G1314N-UHAY	22.40				
								G2G1308NB-UHAY	22.30				
								G2G1305-HAY	22.25				
								G2G1302-UHAY	22.20				
								G2G1299N-UHAY	22.15				
								G2G1296B-UHAY	22.10				
								G2G1293NB-UHAY	22.05				
								G2G1290-HAY	21.99				
								G2G1287-UHAY	21.94				
								G2G1284N-UHAY	21.89				
								G2G1281B-UHAY	21.84				
								G2G1278NB-UHAY	21.79				
								G2G1275-HAY	21.74				
					xxii	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1200-HAX (400Wp) (380Wp - 415Wp)	G2G1245-HAX	23.79	96 (Half Cut Cells)	1500		
								G2G1242-UHAX	23.74				
								G2G1239N-UHAX	23.68				
								G2G1236B-UHAX	23.62				
								G2G1233NB-UHAX	23.57				
								G2G1230-HAX	23.51				
								G2G1215-HAX	23.22				
								G2G1212-UHAX	23.16				
								G2G1209N-UHAX	23.11				
								G2G1206B-UHAX	23.05				
								G2G1203NB-UHAX	22.99				
								G2G1200-HAX	22.93				
								G2G1197-UHAX	22.88				
								G2G1194N-UHAX	22.82				
								G2G1191B-UHAX	22.76				
								G2G1188NB-UHAX	22.71				
								G2G1185-HAX	22.65				
								G2G1182-UHAX	22.59				
								G2G1179N-UHAX	22.53				
								G2G1176B-UHAX	22.48				
								G2G1173NB-UHAX	22.42				
								G2G1170-HAX	22.36				
								G2G1167-UHAX	22.30				
								G2G1164N-UHAX	22.25				
								G2G1161B-UHAX	22.19				
								G2G1158NB-UHAX	22.13				
								G2G1155-HAX	22.07				
								G2G1152-UHAX	22.02				
								G2G1149N-UHAX	21.96				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deeemd to be delisted)	
												From	To
								G2G1146B-UHAX	21.90				
								G2G1143NB-UHAX	21.85				
								G2G1140-HAX	21.79				
					xxiii	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G900-HAF (300Wp) (285Wp - 315Wp)	G2G945-HAF	23.78	72 (Half Cut Cells)	1500		
								G2G942-UHAF	23.71				
								G2G939N-UHAF	23.63				
								G2G936B-UHAF	23.56				
								G2G933NB-UHAF	23.48				
								G2G930-HAF	23.40				
								G2G927-UHAF	23.33				
								G2G924N-UHAF	23.25				
								G2G921B-UHAF	23.18				
								G2G918NB-UHAF	23.10				
								G2G915-HAF	23.03				
								G2G912-UHAF	22.95				
								G2G909N-UHAF	22.88				
								G2G906B-UHAF	22.80				
								G2G903NB-UHAF	22.73				
								G2G900-HAF	22.65				
								G2G897-UHAF	22.57				
								G2G894N-UHAF	22.50				
								G2G891B-UHAF	22.42				
								G2G888NB-UHAF	22.35				
								G2G885-HAF	22.27				
								G2G882-UHAF	22.20				
								G2G879N-UHAF	22.12				
								G2G876B-UHAF	22.05				
								G2G873NB-UHAF	21.97				
								G2G870-HAF	21.89				
								G2G867-UHAF	21.82				
								G2G864N-UHAF	21.74				
								G2G861B-UHAF	21.67				
								G2G858NB-UHAF	21.59				
								G2G855-HAF	21.52				
					xxiv	Bifacial N-Type TOPCon Module (Glass to Glass)	G2X900N-UHAF (300Wp) (285Wp - 315Wp)	G2X945N-UHAF	23.78	72 (Half Cut Cells)	1500		
								G2X930N-UHAF	23.40				
								G2X915N-UHAF	23.03				
								G2X900N-UHAF	22.65				
								G2X885N-UHAF	22.27				
								G2X870N-UHAF	21.89				
								G2X855N-UHAF	21.52				
					xxv	N-Type TOPCon Module	G2G1050-HAC (350 Wp) (335Wp-365Wp)	G2G1095-HAC	23.77	84 (Half Cut Cells)	1500		
								G2G1092-UHAC	23.71				
								G2G1089N-UHAC	23.64				
								G2G1086B-UHAC	23.58				
								G2G1083NB-UHAC	23.51				
								G2G1080-HAC	23.45				
								G2G1077-UHAC	23.38				
								G2G1074N-UHAC	23.32				
								G2G1071B-UHAC	23.25				
								G2G1068NB-UHAC	23.19				
								G2G1065-HAC	23.12				
								G2G1062-UHAC	23.06				
								G2G1059N-UHAC	22.99				
								G2G1056B-UHAC	22.93				
								G2G1053NB-UHAC	22.86				
								G2G1050-HAC	22.79				
								G2G1047-UHAC	22.73				
								G2G1044N-UHAC	22.66				
								G2G1041B-UHAC	22.60				
								G2G1038NB-UHAC	22.53				
								G2G1035-HAC	22.47				
								G2G1032-UHAC	22.40				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deeemd to be delisted)	
												From	To
								G2G1029N-UHAC	22.34				
								G2G1026B-UHAC	22.27				
								G2G1023NB-UHAC	22.21				
								G2G1020-HAC	22.14				
								G2G1017-UHAC	22.08				
								G2G1014N-UHAC	22.01				
								G2G1011B-UHAC	21.95				
								G2G1008NB-UHAC	21.88				
								G2G1005-HAC	21.82				
					xxvi	Bifacial N-Type TOPCon Module (Glass to Glass)	G3G1800K-UHAB (600 Wp) (580 Wp- 630 Wp)	G3G1890K-UHAB	23.32	132 (Half Cut Cells)	1500		
								G3G1875K-UHAB	23.14				
								G3G1860K-UHAB	22.95				
								G3G1845K-UHAB	22.77				
								G3G1830K-UHAB	22.58				
								G3G1815K-UHAB	22.40				
								G3G1800K-UHAB	22.21				
								G3G1785K-UHAB	22.03				
								G3G1770K-UHAB	21.84				
								G3G1755K-UHAB	21.66				
								G3G1740K-UHAB	21.47				
					xxvii	Bifacial N-Type TOPCon Module (Glass to Glass)	G3G1665K-UHAA (555 Wp) (525 Wp- 580 Wp)	G3G1740K-UHAA	23.56	120 (Half Cut Cells)	1500		
								G3G1725K-UHAA	23.36				
								G3G1710K-UHAA	23.15				
								G3G1695K-UHAA	22.95				
								G3G1680K-UHAA	22.75				
								G3G1665K-UHAA	22.54				
								G3G1650K-UHAA	22.34				
								G3G1635K-UHAA	22.14				
								G3G1620K-UHAA	21.93				
								G3G1605K-UHAA	21.73				
								G3G1590K-UHAA	21.53				
								G3G1575K-UHAA	21.32				
					xxviii	Bifacial N-Type TOPCon Module (Glass to Glass)	G3G1500K-UHAY (500 Wp) (475 Wp- 520 Wp)	G3G1560K-UHAY	23.41	108 (Half Cut Cells)	1500		
								G3G1545K-UHAY	23.18				
								G3G1530K-UHAY	22.96				
								G3G1515K-UHAY	22.73				
								G3G1500K-UHAY	22.51				
								G3G1485K-UHAY	22.28				
								G3G1470K-UHAY	22.06				
								G3G1455K-UHAY	21.83				
								G3G1440K-UHAY	21.61				
								G3G1425K-UHAY	21.38				
					xxix	Bifacial Mono c-Si PERC Module (Glass to Glass)	G2GBifacial1695-HAD (535 Wp) (510 Wp- 560 Wp)	G2GBifacial1728-HAD	21.66	144 (Half Cut Cells)	1500		
								G2GBifacial1721-HAD	21.47				
								G2GBifacial1715-HAD	21.27				
								G2GBifacial1708-HAD	21.08				
								G2GBifacial1702-HAD	20.89				
								G2GBifacial1695-HAD	20.69				
								G2GBifacial1689-HAD	20.50				
								G2GBifacial1682-HAD	20.31				
								G2GBifacial1676-HAD	20.11				
								G2GBifacial1669-HAD	19.92				
								G2GBifacial1663-HAD	19.73				
					xxx	Bifacial Mono c-Si PERC Module (Glass to Glass)	G2GBifacial1650-HAB (500 Wp) (485 Wp- 520 Wp)	G2GBifacial1676-HAB	21.75	132 (Half Cut Cells)	1500		
								G2GBifacial1669-HAB	21.54				
								G2GBifacial1663-HAB	21.33				
								G2GBifacial1656-HAB	21.13				
								G2GBifacial1650-HAB	20.92				
								G2GBifacial1643-HAB	20.71				
								G2GBifacial1637-HAB	20.50				
								G2GBifacial1630-HAB	20.29				
								G2GBifacial1546-HAY	21.31				
								G2GBifacial1539-HAY	21.06				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deeemd to be delisted)	
												From	To
					xxxi	Bifacial Mono c-Si PERC Module (Glass to Glass)	G2GBifacial1526-HAY (405 Wp) (390 Wp- 420 Wp)	G2GBifacial1533-HAY	20.80	108 (Half Cut Cells)	1500		
								G2GBifacial1526-HAY	20.55				
								G2GBifacial1520-HAY	20.30				
								G2GBifacial1513-HAY	20.04				
								G2GBifacial1507-HAY	19.79				
					xxxii	Bifacial Mono c-Si PERC Module (Glass to Glass)	G2GBifacial1468-HAX (360 Wp) (350 Wp- 370 Wp)	G2GBifacial1481-HAX	21.00	96 (Half Cut Cells)	1500		
								G2GBifacial1474-HAX	20.71				
								G2GBifacial1468-HAX	20.43				
								G2GBifacial1461-HAX	20.14				
								G2GBifacial1455-HAX	19.86				
					xxxiii	Bifacial Mono c-Si PERC Module (Glass to Glass)	G2GBifacial1585-HAA (450 Wp) (440 Wp- 465Wp)	G2GBifacial1604-HAA	21.32	120 (Half Cut Cells)	1500		
								G2GBifacial1598-HAA	21.09				
								G2GBifacial1591-HAA	20.87				
								G2GBifacial1585-HAA	20.64				
								G2GBifacial1578-HAA	20.41				
								G2GBifacial1572-HAA	20.18				
22	M/s. Contendre Greenergy Pvt. Ltd. (New Addition in ALMM List)	Final Plot No: 369, Pandit Deendayal Energy University, Raysan Village, Town Planning Scheme 19, Pdpu road, Gandhinagar, Gujarat, India	R-72012700	45	i	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	CG X144-500 (500 Wp)	CG X144-500	19.36	144 (Half Cut Cells)	1500	21.05.2025	20.05.2029
					ii	Mono c-Si PERC Module (Glass to Transparent Backsheet)	CG X144-530 (530 Wp)	CG X144-505	19.55	144 (Half Cut Cells)	1500		
								CG X144-510	19.74				
								CG X144-515	19.94				
								CG X144-520	20.13				
								CG X144-525	20.32				
								CG X144-530	20.52				
								CG X144-535	20.71				
								CG X144-540	20.90				
								CG X144-545	21.10				
								CG X144-550	21.29				
								CG X144-555	21.48				
					iii	Mono c-Si PERC Module (Glass to Transparent Backsheet)	CG X132-485 (485 Wp)	CG X132-465	19.58	132 (Half Cut Cells)	1500		
								CG X132-470	19.79				
								CG X132-475	20.00				
								CG X132-480	20.21				
								CG X132-485	20.42				
								CG X132-490	20.64				
								CG X132-495	20.85				
								CG X132-500	21.06				
								CG X132-505	21.27				
					iv	Mono c-Si PERC Module (Glass to Transparent Backsheet)	CG X120-440 (440 Wp)	CG X120-420	19.40	120 (Half Cut Cells)	1500		
								CG X120-425	19.63				
								CG X120-430	19.86				
								CG X120-435	20.09				
								CG X120-440	20.33				
								CG X120-445	20.56				
								CG X120-450	20.79				
								CG X120-455	21.02				
								CG X120-460	21.25				
					v	Mono c-Si PERC Module (Glass to Transparent Backsheet)	CG X108-400 (400 Wp)	CG X108-380	19.44	108 (Half Cut Cells)	1500		
								CG X108-385	19.69				
								CG X108-390	19.95				
								CG X108-395	20.20				
								CG X108-400	20.46				
								CG X108-405	20.72				
								CG X108-410	20.97				
								CG X108-415	21.23				
					vi	Mono c-Si PERC Module (Glass to Transparent Backsheet)	CG X96-335 (335 Wp)	CG X96-335	19.21	96 (Half Cut Cells)	1500		
								CG X96-340	19.49				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deeemd to be delisted)	
												From	To
					vii	Mono c-Si PERC Module (Glass to Transparent Backsheet)	CG X96-355 (355 Wp)	CG X96-345	19.78	96 (Half Cut Cells)	1500		
								CG X96-350	20.07				
								CG X96-355	20.35				
								CG X96-360	20.64				
								CG X96-365	20.93				
								CG X96-370	21.21				
23	M/s. Nextbrio Industries Private Limited (New Addition in ALMM List)	Khajoor Gaon, Nawabganj, Chinnat Deva road, Barabanki - 225003, Uttar Pradesh, India	R-93035440	21	i	Bifacial Mono c-Si PERC Module (Glass to Transparent)	NXB108P-410 (410 Wp)	NXB108P-400	20.48	108 (Half Cut Cells)	1500	21.05.2025	20.05.2029
								NXB108P-405	21.00				
								NXB108P-410	20.74				
								NXB108P-415	21.25				
								NXB108P-420	21.51				
					ii	Bifacial Mono c-Si PERC Module (Glass to Transparent)	NXB120P-445 (450 Wp)	NXB120P-435	20.13	120 (Half Cut Cells)	1500		
								NXB120P-440	20.36				
								NXB120P-445	20.59				
								NXB120P-450	20.82				
								NXB120P-455	21.05				
								NXB120P-460	21.28				
					iii	Bifacial Mono c-Si PERC Module (Glass to Transparent)	NXB132N-485 (485 Wp)	NXB132N-475	20.00	132 (Half Cut Cells)	1500		
								NXB132N-480	20.21				
								NXB132N-485	20.42				
								NXB132N-490	20.64				
								NXB132N-495	20.85				
								NXB132N-500	21.06				
					iv	Bifacial Mono c-Si PERC Module (Glass to Transparent)	NXB144P-540 (540 Wp)	NXB144P-530	20.52	144 (Half Cut Cells)	1500		
								NXB144P-535	20.71				
								NXB144P-540	20.90				
								NXB144P-545	21.10				
								NXB144P-550	21.29				
								NXB144P-555	21.48				
								NXB144P-560	21.68				
24	M/s. Luminous Power Technologies Pvt. Ltd. (Capacity Addition)	Plot No- CP-17 To CP-22, Sector-City Park, Luminous Plant, P.N.D.T IIE Sidcul, Pant Nagar, Rudrapur, Udham Singh Nagar - 263153, Uttarakhand, India	R- 83011410	564	i	Mono c-Si PERC Module	LUM 24570M (570 Wp)	LUM 24590M	21.11	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								LUM 24585M	20.93				
								LUM 24580M	20.75				
								LUM 24575M	20.57				
								LUM 24570M	20.39				
								LUM 24565M	20.21				
								LUM 24560M	20.03				
								LUM 24555M	19.85				
					ii	Mono c-Si PERC Module	LUM 24525M (525 Wp)	LUM 24550M	21.28	144 (Half Cut Cells)	1500		
								LUM 24545M	21.09				
								LUM 24540M	20.89				
								LUM 24535M	20.70				
								LUM 24530M	20.51				
								LUM 24525M	20.31				
								LUM 24520M	20.12				
								LUM 24515M	19.93				
								LUM 24510M	19.73				
								LUM 24505M	19.54				
								LUM 24500M	19.34				
					iii	Mono c-Si PERC Module	LUM 24475M (475 Wp)	LUM 24495M	20.85	132 (Half Cut Cells)	1500		
								LUM 24490M	20.64				
								LUM 24485M	20.43				
								LUM 24480M	20.22				
								LUM 24475M	20.01				
								LUM 24470M	19.80				
								LUM 24465M	19.59				
								LUM24460M	19.38				
								LUM24455M	19.17				
					iv	Mono c-Si PERC Module	LUM 24430M (430 Wp)	LUM 24450M	20.80	120 (Half Cut Cells)	1500		
								LUM 24445M	20.57				
								LUM 24440M	20.33				
								LUM 24435M	20.10				
								LUM 24430M	19.87				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deeemd to be delisted)	
												From	To
								LUM 24425M	19.64				
								LUM 24420M	19.41				
					v	Mono c-Si PERC Module	LUM 24385M (385 Wp)	LUM 24400M	20.48	108 (Half Cut Cells)	1500		
								LUM 24395M	20.23				
								LUM 24390M	19.97				
								LUM 24385M	19.71				
								LUM 24380M	19.46				
								LUM 24375M	19.20				
					vi	N type TOPCon Modules	LUM 24600T156 (600 Wp)	LUM 24630T156	22.54	156 (Half Cut Cells)	1500		
								LUM 24625T156	22.36				
								LUM 24620T156	22.18				
								LUM 24615T156	22.00				
								LUM 24610T156	21.82				
								LUM 24605T156	21.64				
								LUM 24600T156	21.46				
								LUM 24595T156	21.28				
								LUM 24590T156	21.11				
								LUM 24585T156	20.93				
								LUM 24580T156	20.75				
								LUM 24575T156	20.57				
								LUM 24570T156	20.39				
					vii	N type TOPCon Modules	LUM 24565T144 (565 Wp)	LUM 24590T144	22.83	144 (Half Cut Cells)	1500		
								LUM 24585T144	22.63				
								LUM 24580T144	22.44				
								LUM 24575T144	22.25				
								LUM 24570T144	22.05				
								LUM 24565T144	21.86				
								LUM 24560T144	21.67				
								LUM 24555T144	21.47				
								LUM 24550T144	21.28				
								LUM 24545T144	21.09				
								LUM 24540T144	20.89				
					viii	N type TOPCon Modules	LUM 24535T144 (535 Wp)	LUM 24535T144	20.70	144 (Half Cut Cells)	1500		
					ix	Bifacial N-TypeTOPCon Module (Glass to Glass)	LUM24540TG144 (540 Wp)	LUM 24540TG144	20.89	144 (Half Cut Cells)	1500		
					x	Bifacial N-TypeTOPCon Module (Glass to Glass)	LUM24540TG144 (570 Wp)	LUM 24545TG144	21.09	144 (Half Cut Cells)	1500		
								LUM 24550TG144	21.28				
								LUM 24555TG144	21.48				
								LUM 24560TG144	21.67				
								LUM 24565TG144	21.86				
								LUM 24570TG144	22.06				
								LUM 24575TG144	22.25				
								LUM 24580TG144	22.44				
								LUM 24585TG144	22.64				
								LUM 24590TG144	22.83				
								LUM 24595TG144	23.02				
					xi	Bifacial N-TypeTOPCon Module (Glass to Glass)	LUM24600TG156 (600 Wp)	LUM 24570TG156	20.39	156 (Half Cut Cells)	1500		
								LUM 24575TG156	20.57				
								LUM 24580TG156	20.75				
								LUM 24585TG156	20.93				
								LUM 24590TG156	21.11				
								LUM 24595TG156	21.29				
								LUM 24600TG156	21.46				
								LUM 24605TG156	21.64				
								LUM 24610TG156	21.82				
								LUM 24615TG156	22.00				
								LUM 24620TG156	22.18				
								LUM 24625TG156	22.36				
								LUM 24630TG156	22.54				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deeemd to be delisted)	
												From	To
					xii	Bifacial Mono c-Si PERC Module (Glass to Glass)	LUM24575MG (575Wp)	LUM 24560MG	20.03	156 (Half Cut Cells)	1500		
								LUM 24565MG	20.21				
								LUM 24570MG	20.39				
								LUM 24575MG	20.57				
								LUM 24580MG	20.75				
								LUM 24585MG	20.93				
								LUM 24590MG	21.11				
					xiii	Bifacial Mono c-Si PERC Module (Glass to Glass)	LUM 24500MG (500 Wp)	LUM 24500MG	19.35	144(Half Cut Cells)	1500		
					xiv	Bifacial Mono c-Si PERC Module (Glass to Glass)	LUM 24530MG (530 Wp)	LUM 24505MG	19.54	144 (Half Cut Cells)	1500		
								LUI\II 24510MG	19.73				
								LUM 24515MG	19.93				
								LUM 24520MG	20.12				
								LUM 24525MG	20.31				
								LUM 24530MG	20.51				
								LUM 24535MG	20.70				
								LUM 24540MG	20.89				
								LUM 24545MG	21.09				
								LUM 24550MG	21.28				
								LUM 24555MG	21.48				
					xv	Bifacial Mono c-Si PERC Module (Glass to Glass)	LUM 24475MG (475 Wp)	LUM 24455MG	19.17	132 (Half Cut Cells)	1500		
								LUM 24460MG	19.38				
								LUM 24465MG	19.59				
								LUM 24470MG	19.80				
								LUM 24475MG	20.01				
								LUM 24480MG	20.22				
								LUM 24485MG	20.43				
								LUM 24490MG	20.64				
								LUM 24495MG	20.86				
					xvi	Bifacial Mono c- Si PERC Module (Glass to Glass)	LUM 24430MG (430 Wp)	LUM 2415MG	19.18	120 (Half Cut Cells)	1500		
								LUM 24420MG	19.41				
								LUM 24425MG	19.64				
								LUM 24430MG	19.87				
								LUM 24435MG	20.10				
								LUM 24440MG	20.34				
								LUM 24445MG	20.57				
								LUM 24450MG	20.80				
					xvii	Bifacial Mono c- Si PERC Module (Glass to Glass)	LUM 24385MG (385 Wp)	LUM 24375MG	19.20	108 (Half Cut Cells)	1500		
								LUM 24380MG	19.46				
								LUM 24385MG	19.72				
								LUM 24390MG	19.97				
								LUM 24395MG	20.23				
								LUM 24400MG	20.48				
			R- 83011479		xviii	Mono c-Si PERC Module	AMS 24570M (570 Wp)	AMS 24590M	21.11	156 (Half Cut Cells)	1500		
								AMS 24585M	20.93				
								AMS 24580M	20.75				
								AMS 24575M	20.57				
								AMS 24570M	20.39				
								AMS 24565M	20.21				
								AMS 24560M	20.03				
								AMS 24555M	19.85				
					xix	Mono c-Si PERC Module	AMS 24530M (530 Wp)	AMS 24550M	21.28	144 (Half Cut Cells)	1500		
								AMS 24545M	21.09				
								AMS 24540M	20.89				
								AMS 24535M	20.70				
								AMS 24530M	20.51				
								AMS 24525M	20.31				
								AMS 24520M	20.12				
								AMS 24515M	19.93				
								AMS 24510M	19.74				
								AMS 24505M	19.54				
								AMS 24500M	19.35				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deeemd to be delisted)	
												From	To
					xx	Mono c-Si PERC Module	AMS 24475M (475 Wp)	AMS 24495M	20.85	132 (Half Cut Cells)	1500		
								AMS 24490M	20.64				
								AMS 24485M	20.43				
								AMS 24480M	20.22				
								AMS 24475M	20.01				
								AMS 24470M	19.80				
								AMS 24465M	19.59				
								AMS24460M	19.38				
								AMS24455M	19.17				
					xxi	Mono c-Si PERC Module	AMS 24430M (430 Wp)	AMS 24450M	20.80	120 (Half Cut Cells)	1500		
								AMS 24445M	20.57				
								AMS 24440M	20.33				
								AMS 24435M	20.10				
								AMS 24430M	19.87				
								AMS 24425M	19.64				
								AMS 24420M	19.41				
								AMS 24415M	19.18				
					xxii	Mono c-Si PERC Module	AMS 24385M (385 Wp)	AMS 24400M	20.48	108 (Half Cut Cells)	1500		
								AMS 24395M	20.23				
								AMS 24390M	19.97				
								AMS 24385M	19.71				
								AMS 24380M	19.46				
								AMS 24375M	19.20				
					xxiii	N type TOPCon Modules	AMS 24600T156 (600 Wp)	AMS 24630T156	22.54	156 (Half Cut Cells)	1500		
								AMS 24625T156	22.36				
								AMS 24620T156	22.18				
								AMS 24615T156	22.00				
								AMS 24610T156	21.82				
								AMS 24605T156	21.64				
								AMS 24600T156	21.46				
								AMS 24595T156	21.28				
								AMS 24590T156	21.11				
								AMS 24585T156	20.93				
								AMS 24580T156	20.75				
								AMS 24575T156	20.57				
								AMS 24570T156	20.39				
					xxiv	N type TOPCon Modules	AMS 24560T144 (560 Wp)	AMS 24590T144	22.83	144 (Half Cut Cells)	1500		
								AMS 24585T144	22.63				
								AMS 24580T144	22.44				
								AMS 24575T144	22.25				
								AMS 24570T144	22.05				
								AMS 24565T144	21.86				
								AMS 24560T144	21.67				
								AMS 24555T144	21.47				
								AMS 24550T144	21.28				
								AMS 24545T144	21.09				
								AMS 24540T144	20.89				
					xxv	N type TOPCon Modules	AMS 24535T144 (535 Wp)	AMS 24535T144	20.70	144 (Half Cut Cells)	1500		
					xxvi	Bifacial N-Type TOPCon Module (Glass to Glass)	AMS 24540TG144 (540 Wp)	AMS 24540TG144	20.89	144 (Half Cut Cells)	1500		
					xxvii	Bifacial N-Type TOPCon Module (Glass to Glass)	AMS 24570TG144 (570 Wp)	AMS 24545TG144	21.09	144 (Half Cut Cells)	1500		
								AMS 24550TG144	21.28				
								AMS 24555TG144	21.48				
								AMS 24560TG144	21.67				
								AMS 24565TG144	21.86				
								AMS 24570TG144	22.06				
								AMS 24575TG144	22.25				
								AMS 24580TG144	22.44				
								AMS 24585TG144	22.64				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deeemd to be delisted)	
												From	To
								AMS 24590TG144	22.83				
								AMS 24595TG144	23.02				
					xxviii	Bifacial N-Type TOPCon Module (Glass to Glass)	AMS 24600TG156 (600 Wp)	AMS 24570TG156	20.39	156 (Half Cut Cells)	1500		
								AMS 24575TG156	20.57				
								AMS 24580TG156	20.75				
								AMS 24585TG156	20.93				
								AMS 24590TG156	21.11				
								AMS 24595TG156	21.29				
								AMS 24600TG156	21.46				
								AMS 24605TG156	21.64				
								AMS 24610TG156	21.82				
								AMS 24615TG156	22.00				
								AMS 24620TG156	22.18				
								AMS 24625TG156	22.36				
								AMS 24630TG156	22.54				
					xxix	Bifacial Mono c-Si PERC Module (Glass to Glass)	AMS 24575MG (575 Wp)	AMS 24560MG	20.03	156 (Half Cut Cells)	1500		
								AMS 24565MG	20.21				
								AMS 24570MG	20.39				
								AMS 24575MG	20.57				
								AMS 24580MG	20.75				
								AMS 24585MG	20.93				
								AMS 24590MG	21.11				
					xxx	Bifacial Mono c-Si PERC Module (Glass to Glass)	AMS 24500MG (500 Wp)	AMS 24500MG	19.35	144 (Half Cut Cells)	1500		
					xxxi	Bifacial Mono c-Si PERC Module (Glass to Glass)	AMS 24530MG (530 Wp)	AMS 24505MG	19.54	144 (Half Cut Cells)	1500		
								AMS 24510MG	19.73				
								AMS 24515MG	19.93				
								AMS 24520MG	20.12				
								AMS 24525MG	20.31				
								AMS 24530MG	20.51				
								AMS 24535MG	20.70				
								AMS 24540MG	20.89				
								AMS 24545MG	21.09				
								AMS 24550MG	21.28				
								AMS 24555MG	21.48				
					xxxii	Bifacial Mono c-Si PERC Module (Glass to Glass)	AMS 24475MG (475 Wp)	AMS 24455MG	19.17	132 (Half Cut Cells)	1500		
								AMS 24460MG	19.38				
								AMS 24465MG	19.59				
								AMS 24470MG	19.80				
								AMS 24475MG	20.01				
								AMS 24480MG	20.22				
								AMS 24485MG	20.43				
								AMS 24490MG	20.64				
								AMS 24495MG	20.86				
					xxxiii	Bifacial Mono c-Si PERC Module (Glass to Glass)	AMS 24430MG (430 Wp)	AMS 24415MG	19.18	120 (Half Cut Cells)	1500		
								AMS 24420MG	19.41				
								AMS 24425MG	19.64				
								AMS 24430MG	19.87				
								AMS 24435MG	20.10				
								AMS 24440MG	20.34				
								AMS 24445MG	20.57				
								AMS 24450MG	20.80				
					xxxiv	Bifacial Mono c-Si PERC Module (Glass to Glass)	AMS 24385MG (385 Wp)	AMS 24375MG	19.20	108 (Half Cut Cells)	1500		
								AMS 24380MG	19.46				
								AMS 24385MG	19.72				
								AMS 24390MG	19.97				
								AMS 24395MG	20.23				
								AMS 24400MG	20.48				
25	**M/s. Amrut Energy Private Limited (New Addition in ALMM List)**	**Survey No. 69, Opp. Gangotri Hotel, Khatraj - Kalol Road, Khatra, Kalol, Gandhinagar -382721,**	**R-72006793**	**48**	i	Mono c-Si PERC Module	AE36MM120 (120Wp)	AE36MM120	19.68	36 (Half Cut Cells)	1500	21.05.2025	20.05.2029
								AE108MM375	19.20				
								AE108MM380	19.46				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity (subject to valid BIS Registration; else deeemd to be delisted)	
												From	To
		Gujarat, India			ii	Mono c-Si PERC - Module	AE108MM385 (385Wp)	AE108MM385	19.72	108 (Half Cut Cells)	1500		
								AE108MM390	19.97				
								AE108MM395	20.23				
								AE108MM400	20.48				
					iii	Mono c-Si PERC - Module	AE120MM430 (430Wp)	AE120MM415	19.18	120 (Half Cut Cells)	1500		
								AE120MM420	19.41				
								AE120MM425	19.64				
								AE120MM430	19.87				
								AE120MM435	20.10				
								AE120MM440	20.34				
								AE120MM445	20.57				
								AE120MM450	20.80				
					iv	Mono c-Si PERC - Module	AE132MM475 (475Wp)	AE132MM455	19.17	132 (Half Cut Cells)	1500		
								AE132MM460	19.38				
								AE132MM465	19.59				
								AE132MM470	19.80				
								AE132MM475	20.01				
								AE132MM480	20.22				
								AE132MM485	20.43				
								AE132MM490	20.64				
								AE132MM495	20.86				
					v	Mono c-Si PERC - Module	AE144MM525 (475Wp)	AE144MM500	19.36	144 (Half Cut Cells)	1500		
								AE144MM505	19.55				
								AE144MM510	19.74				
								AE144MM515	19.94				
								AE144MM520	20.13				
								AE144MM525	20.32				
								AE144MM530	20.52				
								AE144MM535	20.71				
								AE144MM540	20.90				
								AE144MM545	21.10				
								AE144MM550	21.29				
26	**M/s. Waaree Energies Limited (Model Addition + Capacity Addition)**	**Survey No. 1934, 1939, 1941, 1942, NH-48, Degam, Chikhali, Navasari, Gujarat - 396530, India**	**R-72005533**	**9760**	i	Bifacial N - Type TOPCon Module (Glass to Glass)	BiN-17-640 (640 Wp)	BiN-17-630	22.62	156 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								BiN-17-635	22.80				
								BiN-17-640	22.98				
								BiN-17-645	23.16				
					ii	Bifacial N - Type TOPCon Module (Glass to Glass)	BiN-08-595 (595 Wp)	BiN-08-585	22.65	144 (Half Cut Cells)	1500		
								BiN-08-590	22.84				
								BiN-08-595	23.03				
								BiN-08-600	23.23				
27	**M/s. Waaree Energies Limited (Model Addition + Change in Capacity)**	**Unit 2B, Survey No. 267, NH-48, Nandigram Village, Taluke Umbergaon, District Valsad, Gujarat 396105**	**R-72003085**	**1106**	i	Bifacial N - Type TOPCon Module (Glass to Glass)	Bin-17-640 (640 Wp)	BiN-17-630	22.54	156 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								BiN-17-635	22.72				
								BiN-17-640	22.90				
								BiN-17-645	23.07				
					ii	Bifacial N - Type TOPCon Module (Glass to Glass)	BiN-08-590 (590 Wp)	BiN-08-585	22.65	144 (Half Cut Cells)	1500		
								BiN-08-590	22.84				
								BiN-08-595	23.03				
								BiN-08-600	23.23				

F. No. 283/41/2024-GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय / Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003.
Dated: 21st April 2025

OFFICE MEMORANDUM

Sub: Updation of List I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 – Reg.

Ref: (i) MNRE's O.M. No. 283/54/2018-GRID SOLAR–Part(1) dated 10.03.2021
(ii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 10.05.2023;
(iii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 22.03.2024;

Reference is invited to this Ministry's O.M.s of even no. dated 10.03.2021, regarding implementation of Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirement for Compulsory Registration) Order, 2019 and publishing List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019.

2. This Ministry vide its O.M. No. 283/22/2023-GRID SOLAR/Pt dated 10.05.2023 and O.M. of even no. dated 22.03.2024 inter-alia directed that only such models of Solar PV Module Manufacturers will be enlisted under ALMM, which comply with the BIS Standards and are having the following minimum module efficiency:

Category	Application/ Use	Minimum Module Efficiency requirement for crystalline-Silicon technology based Solar PV Modules	Minimum Module Efficiency requirement for Cadmium Telluride Thin Film technology based Solar PV Modules
Category I	Utility / Grid Scale Power Plants	20.0%	19.00%
Category II	Rooftop and Solar Pumping	19.5%	18.50%
Category III	Solar Lighting	19.0%	18.00%

3. Post the O.M. dated 10.05.2023 and subsequent O.M. dated 22.03.2024, only such models of Solar PV Modules have been considered for enlistment under ALMM List-I, whose module efficiency is meeting the eligibility criteria as mentioned in table at para-2 above.

4. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 was last updated on 27.03.2025.

5. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 is hereby further revised and the Revision-XXXVII *(in the format of additions / modifications to Revision-XXXVI)* is enclosed at Annexure-I. The last revision no. XXXVI dated 27.03.2025 along with provisional enlistments therein is at pages after Annexure-I.

6. The ALMM enlistment validity is subject to valid BIS Registration; else deemed to be delisted.

7. The details of Registration No. (R. No.) which has been allotted by BIS is mentioned against each manufacturer / manufacturing unit enlisted in ALMM and further details related to BIS certification like validity, models included, etc. may be checked from BIS website by using the following link:
https://www.crsbis.in/BIS/Lims_registrationc.do?hmode=getLimsData

8. This issues with the approval of competent authority.

(Sanjay G. Karndhar)
Scientist-E
E-mail: karndhar.sg@nic.in

Encl: as above

To: All Concerned

Copy to: Director (Technical), NIC, MNRE for uploading this document on MNRE's website

Annexure-I
Revision-XXVII

A. Correction of errors in last revision of ALMM List-I dated 27.03.2025

There were some typographical errors in the last ALMM list published on 27.03.2025 and the same are hereby corrected as follows:

1. **M/s. Australian Premium Solar (India) Pvt. Ltd** - Typo Error corrected in Model numbers.

   In. Sl. No. 40=> Sl.No. 07=> Enlisted model No. 2 may be read as **APSBF-550/144**

   In. Sl. No. 40=> Sl.No. 14=> Enlisted model No. 1 may be read as **APSAM-550/144**

   In. Sl. No. 40=> Sl.No. 14=> Enlisted model No. 2 may be read as **APSAM-555/144**

   In. Sl. No. 40=> Sl.No. 14=> Enlisted model No. 3 may be read as **APSAM-560/144**

2. **M/s. Solex Energy Limited - No. of cells updated as per the latest BIS test report**

   In. Sl. No. 42=> Sl.No. 42=> No. of cells in modules may be read as **33 (Half Cut Cells)**

3. **M/s. Mundra Solar PV Limited - Typo error in Enlisted capacity corrected**

   In. Sl. No. 52=> Enlisted capacity may be read as 2125

4. **M/s. H R Solar Solution Private Limited - Typo Error in Type of module corrected**

   In. Sl. No. 34 => Sl. No. 1 => Type of Module may be read as Mono c-Si PERC Module

Annexure-I

Revision-XXXVII

B. New additions on 21.04.2025 in the List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
1	M/s. Redren Energy Pvt. Ltd (Model Addition)	Survey No. 154/1, 154/2, Opposite Rangpar, Bus Stand, National Highway No. 27, Jalida, Wankaner, Morbi-363621, Gujarat, India	R-72001775	397	1	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RSM10MP-108HCBF400 (400 Wp)	RSM10MP-108HCBF380	19.44	108 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10MP-108HCBF385	19.69				
								RSM10MP-108HCBF390	19.95				
								RSM10MP-108HCBF395	20.20				
								RSM10MP-108HCBF400	20.46				
								RSM10MP-108HCBF405	20.72				
								RSM10MP-108HCBF410	20.97				
								RSM10MP-108HCBF415	21.23				
								RSM10MP-108HCBF420	21.48				
					2	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RSM10MP-120HCBF425 (425 Wp)	RSM10MP-120HCBF415	19.17	120 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10MP-120HCBF420	19.40				
								RSM10MP-120HCBF425	19.63				
								RSM10MP-120HCBF430	19.86				
								RSM10MP-120HCBF435	20.09				
					3	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RSM10MP-120HCBF450 (450 Wp)	RSM10MP-120HCBF440	20.33	120 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10MP-120HCBF445	20.56				
								RSM10MP-120HCBF450	20.79				
								RSM10MP-120HCBF455	21.02				
								RSM10MP-120HCBF460	21.25				
					4	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RSM10MP-132HCBF465 (465 Wp)	RSM10MP-132HCBF455	19.16	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10MP-132HCBF460	19.37				
								RSM10MP-132HCBF465	19.58				
								RSM10MP-132HCBF470	19.79				
								RSM10MP-132HCBF475	20.00				
					5	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RSM10MP-132HCBF495 (495 Wp)	RSM10MP-132HCBF480	20.21	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10MP-132HCBF485	20.42				
								RSM10MP-132HCBF490	20.64				
								RSM10MP-132HCBF495	20.85				
								RSM10MP-132HCBF500	21.06				
								RSM10MP-132HCBF505	21.27				
					6	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RSM10MP-144HCBF510 (510 Wp)	RSM10MP-144HCBF495	19.16	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10MP-144HCBF500	19.36				
								RSM10MP-144HCBF505	19.55				
								RSM10MP-144HCBF510	19.74				
								RSM10MP-144HCBF515	19.94				
								RSM10MP-144HCBF520	20.13				
					7	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RSM10MP-144HCBF540 (540 Wp)	RSM10MP-144HCBF525	20.32	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10MP-144HCBF530	20.52				
								RSM10MP-144HCBF535	20.71				
								RSM10MP-144HCBF540	20.90				
								RSM10MP-144HCBF545	21.10				
								RSM10MP-144HCBF550	21.29				
					8	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-144-590 (590 Wp)	RS-M10TC-144-610	23.61	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RS-M10TC-144-605	23.42				
								RS-M10TC-144-600	23.23				
								RS-M10TC-144-595	23.03				
								RS-M10TC-144-590	22.84				
								RS-M10TC-144-585	22.65				
								RS-M10TC-144-580	22.45				
								RS-M10TC-144-575	22.26				
								RS-M10TC-144-570	22.07				
					9	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-144-560 (560 Wp)	RS-M10TC-144-565	21.87	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RS-M10TC-144-560	21.68				
								RS-M10TC-144-555	21.48				
								RS-M10TC-144-550	21.29				
					10	Bifacial N-Type TOPCon	RS-M10TC-132-550	RS-M10TC-132-560	23.58	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
						Module (Glass to Glass)	(550 Wp)	RS-M10TC-132-555	23.37				
								RS-M10TC-132-550	23.16				
								RS-M10TC-132-545	22.95				
								RS-M10TC-132-540	22.74				
								RS-M10TC-132-535	22.53				
								RS-M10TC-132-530	22.32				
					11	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-132-520 (520 Wp)	RS-M10TC-132-525	22.11	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RS-M10TC-132-520	21.90				
								RS-M10TC-132-515	21.69				
								RS-M10TC-132-510	21.48				
								RS-M10TC-132-505	21.27				
					12	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-120-490 (490 Wp)	RS-M10TC-120-505	23.33	120 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RS-M10TC-120-500	23.10				
								RS-M10TC-120-495	22.87				
								RS-M10TC-120-490	22.63				
								RS-M10TC-120-485	22.40				
								RS-M10TC-120-480	22.17				
								RS-M10TC-120-475	21.94				
								RS-M10TC-120-470	21.71				
					13	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-120-460 (460 Wp)	RS-M10TC-120-465	21.48	120 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RS-M10TC-120-460	21.25				
								RS-M10TC-120-455	21.02				
					14	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-108-440 (440 Wp)	RS-M10TC-108-455	23.27	108 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RS-M10TC-108-450	23.02				
								RS-M10TC-108-445	22.76				
								RS-M10TC-108-440	22.51				
								RS-M10TC-108-435	22.25				
								RS-M10TC-108-430	21.99				
								RS-M10TC-108-425	21.74				
					15	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-108-415 (415 Wp)	RS-M10TC-108-420	21.48	108 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RS-M10TC-108-415	21.23				
								RS-M10TC-108-410	20.97				
					16	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-96-390 (390 Wp)	RS-M10TC-96-400	22.95	96 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RS-M10TC-96-395	22.66				
								RS-M10TC-96-390	22.38				
								RS-M10TC-96-385	22.09				
								RS-M10TC-96-380	21.80				
					17	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-96-370 (370 Wp)	RS-M10TC-96-375	21.52	96 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RS-M10TC-96-370	21.23				
								RS-M10TC-96-365	20.94				
								RS-M10TC-96-360	20.65				
					18	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-84-340 (340 Wp)	RS-M10TC-84-350	22.83	84 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RS-M10TC-84-345	22.50				
								RS-M10TC-84-340	22.18				
								RS-M10TC-84-335	21.85				
								RS-M10TC-84-330	21.52				
					19	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-84-320 (320 Wp)	RS-M10TC-84-325	21.20	84 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RS-M10TC-84-320	20.87				
								RS-M10TC-84-315	20.55				
					20	N-Type TOPCon Module	RSM10CTC144-590 (590 Wp)	RSM10CTC144-610	23.61	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10CTC144-605	23.42				
								RSM10CTC144-600	23.23				
								RSM10CTC144-595	23.03				
								RSM10CTC144-590	22.84				
								RSM10CTC144-585	22.65				
								RSM10CTC144-580	22.45				
								RSM10CTC144-575	22.26				
								RSM10CTC144-570	22.07				
					21	N-Type TOPCon Module	RSM10CTC144-560	RSM10CTC144-565	21.87	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
							(560 Wp)	RSM10CTC144-560	21.68				
								RSM10CTC144-555	21.48				
								RSM10CTC144-550	21.29				
					22	N-Type TOPCon Module	RSM10CTC132-550 (550 Wp)	RSM10CTC132-560	23.58	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10CTC132-555	23.37				
								RSM10CTC132-550	23.16				
								RSM10CTC132-545	22.95				
								RSM10CTC132-540	22.74				
								RSM10CTC132-535	22.53				
								RSM10CTC132-530	22.32				
					23	N-Type TOPCon Module	RSM10CTC132-520 (520 Wp)	RSM10CTC132-525	22.11	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10CTC132-520	21.90				
								RSM10CTC132-515	21.69				
								RSM10CTC132-510	21.48				
								RSM10CTC132-505	21.27				
					24	N-Type TOPCon Module	RSM10CTC120-490 (490 Wp)	RSM10CTC120-505	23.33	120 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10CTC120-500	23.10				
								RSM10CTC120-495	22.87				
								RSM10CTC120-490	22.63				
								RSM10CTC120-485	22.40				
								RSM10CTC120-480	22.17				
								RSM10CTC120-475	21.94				
								RSM10CTC120-470	21.71				
					25	N-Type TOPCon Module	RSM10CTC120-460 (460 Wp)	RSM10CTC120-465	21.48	120 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10CTC120-460	21.25				
								RSM10CTC120-455	21.02				
					26	N-Type TOPCon Module	RSM10CTC108-440 (440 Wp)	RSM10CTC108-455	23.27	108 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10CTC108-450	23.02				
								RSM10CTC108-445	22.76				
								RSM10CTC108-440	22.51				
								RSM10CTC108-435	22.25				
								RSM10CTC108-430	21.99				
								RSM10CTC108-425	21.74				
					27	N-Type TOPCon Module	RSM10CTC108-415 (415 Wp)	RSM10CTC108-420	21.48	108 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10CTC108-415	21.23				
								RSM10CTC108-410	20.97				
					28	N-Type TOPCon Module	RSM10CTC96-390 (390 Wp)	RSM10CTC96-400	22.95	96 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10CTC96-395	22.66				
								RSM10CTC96-390	22.38				
								RSM10CTC96-385	22.09				
								RSM10CTC96-380	21.80				
					29	N-Type TOPCon Module	RSM10CTC96-370 (370 Wp)	RSM10CTC96-375	21.52	96 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10CTC96-370	21.23				
								RSM10CTC96-365	20.94				
								RSM10CTC96-360	20.65				
					30	N-Type TOPCon Module	RSM10CTC84-340 (340 Wp)	RSM10CTC84-350	22.83	84 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10CTC84-345	22.50				
								RSM10CTC84-340	22.18				
								RSM10CTC84-335	21.85				
								RSM10CTC84-330	21.52				
					31	N-Type TOPCon Module	RSM10CTC84-320 (320 Wp)	RSM10CTC84-325	21.20	84 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10CTC84-320	20.87				
								RSM10CTC84-315	20.55				
					32	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC144-590 (590 Wp)	RSM10BTC144-610	23.61	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10BTC144-605	23.42				
								RSM10BTC144-600	23.23				
								RSM10BTC144-595	23.03				
								RSM10BTC144-590	22.84				
								RSM10BTC144-585	22.65				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								RSM10BTC144-580	22.45				
								RSM10BTC144-575	22.26				
								RSM10BTC144-570	22.07				
					33	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC144-560 (560 Wp)	RSM10BTC144-565	21.87	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10BTC144-560	21.68				
								RSM10BTC144-555	21.48				
								RSM10BTC144-550	21.29				
					34	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC132-550 (550 Wp)	RSM10BTC132-560	23.58	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10BTC132-555	23.37				
								RSM10BTC132-550	23.16				
								RSM10BTC132-545	22.95				
								RSM10BTC132-540	22.74				
								RSM10BTC132-535	22.53				
								RSM10BTC132-530	22.32				
					35	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC132-520 (520 Wp)	RSM10BTC132-525	22.11	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10BTC132-520	21.90				
								RSM10BTC132-515	21.69				
								RSM10BTC132-510	21.48				
								RSM10BTC132-505	21.27				
					36	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC120-490 (490 Wp)	RSM10BTC120-505	23.33	120 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10BTC120-500	23.10				
								RSM10BTC120-495	22.87				
								RSM10BTC120-490	22.63				
								RSM10BTC120-485	22.40				
								RSM10BTC120-480	22.17				
								RSM10BTC120-475	21.94				
								RSM10BTC120-470	21.71				
					37	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC120-460 (460 Wp)	RSM10BTC120-465	21.48	120 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10BTC120-460	21.25				
								RSM10BTC120-455	21.02				
					38	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC108-440 (440 Wp)	RSM10BTC108-455	23.27	108 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10BTC108-450	23.02				
								RSM10BTC108-445	22.76				
								RSM10BTC108-440	22.51				
								RSM10BTC108-435	22.25				
								RSM10BTC108-430	21.99				
								RSM10BTC108-425	21.74				
					39	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC108-415 (415 Wp)	RSM10BTC108-420	21.48	108 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10BTC108-415	21.23				
								RSM10BTC108-410	20.97				
					40	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC96-390 (390 Wp)	RSM10BTC96-400	22.95	96 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10BTC96-395	22.66				
								RSM10BTC96-390	22.38				
								RSM10BTC96-385	22.09				
								RSM10BTC96-380	21.80				
					41	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC96-370 (370 Wp)	RSM10BTC96-375	21.52	96 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10BTC96-370	21.23				
								RSM10BTC96-365	20.94				
								RSM10BTC96-360	20.65				
					42	Bifacial N-Type TOPCon Module (Glass to Transparent	RSM10BTC84-345 (345 Wp)	RSM10BTC84-350	22.83	84 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10BTC84-345	22.50				
								RSM10BTC84-340	22.18				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
						Backsheet)		RSM10BTC84-335	21.85				
					43	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC84-325 (325 Wp)	RSM10BTC84-330	21.52	84 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10BTC84-325	21.20				
								RSM10BTC84-320	20.87				
								RSM10BTC84-315	20.55				
2	**M/s. Raajratna Ventures Limited (Model Addition)**	**Survey No. 69/2, Ahmedabad- Mehsana Highway, Opp Madhu Mill, Village Chandarda, Tal Kadi, Dist. Mehsana, Gujarat - 382715, India**	**R-72003379**	**86**	1	Mono c-Si PERC Module	R545MBT (545 Wp)	R560MBT	21.68	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								R555MBT	21.48				
								R550MBT	21.29				
								R545MBT	21.10				
								R540MBT	20.90				
								R535MBT	20.71				
					2	Mono c-Si PERC Module	R485M132 (485 Wp)	R465M132	19.58	132 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								R470M132	19.79				
								R475M132	20.00				
								R480M132	20.21				
								R485M132	20.42				
								R490M132	20.64				
								R495M132	20.85				
								R500M132	21.06				
								R505M132	21.27				
3	**M/s. Renewsys India Pvt. Ltd (Model Addition)**	**Plot No. E141, Additional Industrial Area, MIDC, Patalganga, Tal. Panvel, Karade Khurd, Raigad-410202 Maharashtra**	**R-71018970**	**1176**	1	Bifacial N-Type TOPCon Module (Glass to Glass)	DESERV EXTREME-435 (435 Wp)	DESERV EXTREME-420	21.44	108 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								DESERV EXTREME-425	21.70				
								DESERV EXTREME-430	21.95				
								DESERV EXTREME-435	22.21				
								DESERV EXTREME-440	22.46				
								DESERV EXTREME-445	22.72				
								DESERV EXTREME-450	22.97				
					2	Bifacial N-Type TOPCon Module (Glass to Glass)	DESERV EXTREME-485 (485 Wp)	DESERV EXTREME-465	21.44	120 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								DESERV EXTREME-470	21.67				
								DESERV EXTREME-475	21.90				
								DESERV EXTREME-480	22.13				
								DESERV EXTREME-485	22.37				
								DESERV EXTREME-490	22.60				
								DESERV EXTREME-495	22.83				
								DESERV EXTREME-500	23.06				
					3	Bifacial N-Type TOPCon Module (Glass to Glass)	DESERV EXTREME-585 (585 Wp)	DESERV EXTREME-565	21.90	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								DESERV EXTREME-570	22.09				
								DESERV EXTREME-575	22.29				
								DESERV EXTREME-580	22.48				
								DESERV EXTREME-585	22.68				
								DESERV EXTREME-590	22.87				
								DESERV EXTREME-595	23.06				
								DESERV EXTREME-600	23.26				
					4	Bifacial N-Type TOPCon Module (Glass to Glass)	DESERV EXTREME-635 (635 Wp)	DESERV EXTREME-615	22.05	156 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								DESERV EXTREME-620	22.23				
								DESERV EXTREME-625	22.41				
								DESERV EXTREME-630	22.59				
								DESERV EXTREME-635	22.76				
								DESERV EXTREME-640	22.94				
								DESERV EXTREME-645	23.12				
								DESERV EXTREME-650	23.30				
					5	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	DESERV EXTREME-435 (435 Wp)	DESERV EXTREME-420	21.44	108 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								DESERV EXTREME-425	21.70				
								DESERV EXTREME-430	21.95				
								DESERV EXTREME-435	22.21				
								DESERV EXTREME-440	22.46				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								DESERV EXTREME-445	22.72				
								DESERV EXTREME-450	22.97				
					6	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	DESERV EXTREME-485 (485 Wp)	DESERV EXTREME-465	21.44	120 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								DESERV EXTREME-470	21.67				
								DESERV EXTREME-475	21.90				
								DESERV EXTREME-480	22.13				
								DESERV EXTREME-485	22.37				
								DESERV EXTREME-490	22.60				
								DESERV EXTREME-495	22.83				
								DESERV EXTREME-500	23.06				
					7	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	DESERV EXTREME-585 (585 Wp)	DESERV EXTREME-565	21.90	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								DESERV EXTREME-570	22.09				
								DESERV EXTREME-575	22.29				
								DESERV EXTREME-580	22.48				
								DESERV EXTREME-585	22.68				
								DESERV EXTREME-590	22.87				
								DESERV EXTREME-595	23.06				
								DESERV EXTREME-600	23.26				
					8	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	DESERV EXTREME-635 (635 Wp)	DESERV EXTREME-615	22.05	156 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								DESERV EXTREME-620	22.23				
								DESERV EXTREME-625	22.41				
								DESERV EXTREME-630	22.59				
								DESERV EXTREME-635	22.76				
								DESERV EXTREME-640	22.94				
								DESERV EXTREME-645	23.12				
								DESERV EXTREME-650	23.30				
4	**M/s. Icon Solar En Power Technologies Private Limited (Model Addition)**	**PH No. 09, Gram Dighari Mandir Hasaud, The Arang, Raipur- 492001, Chhattisgarh, India**	**R-59000140**	**574**	1	Bifacial Mono c-Si PERC Module (Glass to Transperent Backsheet)	ISEN580-Bi (580 Wp)	ISEN600-Bi	21.47	156 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								ISEN595-Bi	21.29				
								ISEN590-Bi	21.12				
								ISEN585-Bi	20.94				
								ISEN580-Bi	20.76				
								ISEN575-Bi	20.58				
								ISEN570-Bi	20.40				
								ISEN565-Bi	20.22				
								ISEN560-Bi	20.04				
					2	Bifacial Mono c-Si PERC Module (Glass to Transperent Backsheet)	ISEN540-Bi (540 Wp)	ISEN555-Bi	21.48	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								ISEN550-Bi	21.29				
								ISEN545-Bi	21.10				
								ISEN540-Bi	20.90				
								ISEN535-Bi	20.71				
								ISEN530-Bi	20.52				
								ISEN525-Bi	20.32				
								ISEN520-Bi	20.13				
					3	Bifacial Mono c-Si PERC Module (Glass to Transperent Backsheet)	ISEN490-Bi (490 Wp)	ISEN505-Bi	21.27	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								ISEN500-Bi	21.06				
								ISEN495-Bi	20.85				
								ISEN490-Bi	20.64				
								ISEN485-Bi	20.42				
								ISEN480-Bi	20.21				
					4	Bifacial Mono c-Si PERC Module (Glass to Transperent Backsheet)	ISEN440-Bi (440 Wp)	ISEN460-Bi	21.26	120 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								ISEN455-Bi	21.03				
								ISEN450-Bi	20.80				
								ISEN445-Bi	20.57				
								ISEN440-Bi	20.34				
								ISEN435-Bi	20.10				
								ISEN430-Bi	19.87				
								ISEN425-Bi	19.64				
								ISEN420-Bi	19.41				
					5	Bifacial Mono c-Si PERC	ISEN395-Bi	ISEN410-Bi	21.00	108 (Half Cut Cells)	1500	24.02.2024	23.02.2028

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
						Module (Glass to Transperent Backsheet)	(395 Wp)	ISEN405-Bi	20.74				
								ISEN400-Bi	20.48				
								ISEN395-Bi	20.23				
								ISEN390-Bi	19.97				
								ISEN385-Bi	19.72				
								ISEN380-Bi	19.46				
5	M/s. TP Solar Limited (Model Addition)	Plot No. A 109, Near Elcot Road, TP Solar Limited, Sipcot Road and OSR Park, Gangaikondan Road, Sipcot Industrial Park, Gangaikondan Industrial Park, Tirunelveli, Tamil Nadu-627352	R-61004146	5222	1	Mono c-Si PERC Module	TP495VG10 (495 Wp)	TP505VG10	21.07	132 (Half Cut Cells)	1500	22.03.2024	21.03.2028
								TP500VG10	20.86				
								TP495VG10	20.65				
								TP490VG10	20.44				
								TP485VG10	20.23				
					2	Mono c-Si PERC Module	TP470VG10 (470Wp)	TP480VG10	20.02	132 (Half Cut Cells)	1500	22.03.2024	21.03.2028
								TP475VG10	19.81				
								TP470VG10	19.61				
								TP465VG10	19.40				
								TP460VG10	19.19				
					3	Mono c-Si PERC Module	TP545HG10 (545 Wp)	TP555HG10	21.48	144 (Half Cut Cells)	1500	22.03.2024	21.03.2028
								TP550HG10	21.29				
								TP545HG10	21.10				
								TP540HG10	20.90				
								TP535HG10	20.71				
								TP530HG10	20.52				
					4	Mono c-Si PERC Module	TP510HG10 (510 Wp)	TP525HG10	20.32	144 (Half Cut Cells)	1500	22.03.2024	21.03.2028
								TP520HG10	20.13				
								TP515HG10	19.94				
								TP510HG10	19.74				
								TP505HG10	19.55				
								TP500HG10	19.36				
					5	Mono c-Si PERC Module	TP575LG10 (575 Wp)	TP600LG10	21.54	156 (Half Cut Cells)	1500	22.03.2024	21.03.2028
								TP595LG10	21.36				
								TP590LG10	21.18				
								TP585LG10	21.00				
								TP580LG10	20.83				
								TP575LG10	20.65				
								TP570LG10	20.47				
								TP565LG10	20.29				
								TP560LG10	20.11				
								TP555LG10	19.93				
					6	Mono c-Si PERC Module	TP455MG10 (455 Wp)	TP465MG10	21.27	120 (Half Cut Cells)	1500	22.03.2024	21.03.2028
								TP460MG10	21.04				
								TP455MG10	20.81				
								TP450MG10	20.58				
								TP445MG10	20.35				
					7	Mono c-Si PERC Module	TP430MG10 (430 Wp)	TP440MG10	20.12	120 (Half Cut Cells)	1500	22.03.2024	21.03.2028
								TP435MG10	19.90				
								TP430MG10	19.67				
								TP425MG10	19.44				
								TP420MG10	19.21				
6	M/s. FS Green Energies Private Limited (Model Addition)	Block No. 160 - 164, 168 Besides Act Agro Chem Pvt. Ltd., Juni Jithardi Road, Near Karjan Cross Road, NH - 8, Vadodara-391240, Gujarat, India	R-72011258	644	1	Bifacial N-Type TOPCon Module (Glass to Glass)	FST-M10.156G-660 (660 Wp)	FST-M10. 156G-680	24.33	156 (Half Cut Cell)	1500	28.10.2024	27.10.2028
								FST-M10. 156G-675	24.15				
								FST-M10. 156G-670	23.97				
								FST-M10. 156G-665	23.79				
								FST-M10. 156G-660	23.61				
								FST-M10. 156G-655	23.43				
								FST-M10. 156G-650	23.25				
								FST-M10. 156G-645	23.07				
								FST-M10. 156G-640	22.90				
								FST-M10. 156G-635	22.72				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					2	Bifacial N-Type TOPCon Module (Glass to Glass)	FST-M10.144G-605 (605 Wp)	FST-M10. 144G-625	24.19	144 (Half Cut Cell)	1500	28.10.2024	27.10.2028
								FST-M10. 144G-620	24.00				
								FST-M10. 144G-615	23.81				
								FST-M10. 144G-610	23.61				
								FST-M10. 144G-605	23.42				
								FST-M10. 144G-600	23.23				
								FST-M10. 144G-595	23.03				
								FST-M10. 144G-590	22.84				
								FST-M10. 144G-585	22.65				
					3	Bifacial N-Type TOPCon Module (Glass to Glass)	FST-M10.132G-555 (555 Wp)	FST-M10. 132G-575	24.23	132 (Half Cut Cell)	1500	28.10.2024	27.10.2028
								FST-M10. 132G-570	24.02				
								FST-M10. 132G-565	23.80				
								FST-M10. 132G-560	23.59				
								FST-M10. 132G-555	23.38				
								FST-M10. 132G-550	23.17				
								FST-M10. 132G-545	22.96				
								FST-M10. 132G-540	22.75				
								FST-M10. 132G-535	22.54				
					4	Bifacial N-Type TOPCon Module (Glass to Glass)	FST-M10.120G-505 (505 Wp)	FST-M10. 120G-520	24.03	120 (Half Cut Cell)	1500	28.10.2024	27.10.2028
								FST-M10. 120G-515	23.80				
								FST-M10. 120G-510	23.57				
								FST-M10. 120G-505	23.34				
								FST-M10. 120G-500	23.11				
								FST-M10. 120G-495	22.88				
								FST-M10. 120G-490	22.65				
								FST-M10. 120G-485	22.42				
					5	Bifacial N-Type TOPCon Module (Glass to Glass)	FST-M10.108G-455 (455 Wp)	FST-M10. 108G-470	24.05	108 (Half Cut Cell)	1500	28.10.2024	27.10.2028
								FST-M10. 108G-465	23.80				
								FST-M10. 108G-460	23.54				
								FST-M10. 108G-455	23.29				
								FST-M10. 108G-450	23.03				
								FST-M10. 108G-445	22.78				
								FST-M10. 108G-440	22.52				
7	**M/s. Credence Solar Panels Private Limited (Renewal and Model Addition)**	**Plot no 18 and 19, Survey No 142/2, Rajkot-Jamnagar highway, Padadhari, Rajkot, Gujarat, India- 360110**	**R-72006165**	**495**	1	Mono c-Si PERC Module	CS-QU650-132 (650Wp)	CS-QU620-132	19.96	132 (Half Cut Cells)	1500	21.04.2025	20.04.2029
								CS-QU625-132	20.12				
								CS-QU630-132	20.28				
								CS-QU635-132	20.44				
								CS-QU640-132	20.60				
								CS-QU645-132	20.76				
								CS-QU650-132	20.92				
								CS-QU655-132	21.09				
								CS-QU660-132	21.25				
								CS-QU665-132	21.41				
								CS-QU670-132	21.57				
					2	Mono c-Si PERC Module	CS-QU575-120 (575Wp)	CS-QU550-120	19.42	120 (Half Cut Cells)	1500		
								CS-QU555-120	19.60				
								CS-QU560-120	19.78				
								CS-QU565-120	19.95				
								CS-QU570-120	20.13				
								CS-QU575-120	20.31				
								CS-QU580-120	20.48				
								CS-QU585-120	20.66				
								CS-QU590-120	20.84				
					3	Mono c-Si PERC Module	CS-QU525-110 (525Wp)	CS-QU500-110	19.14	110 (Half Cut Cells)	1500		
								CS-QU505-110	19.33				
								CS-QU510-110	19.52				
								CS-QU515-110	19.71				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								CS-QU520-110	19.90				
								CS-QU525-110	20.09				
								CS-QU530-110	20.28				
								CS-QU535-110	20.48				
								CS-QU540-110	20.67				
					4	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-QB650-132 (650Wp)	CS-QB620-132	19.96	132 (Half Cut Cells)	1500		
								CS-QB625-132	20.12				
								CS-QB630-132	20.28				
								CS-QB635-132	20.44				
								CS-QB640-132	20.60				
								CS-QB645-132	20.76				
								CS-QB650-132	20.92				
					5	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-QB575-120 (575Wp)	CS-QB550-120	19.42	120 (Half Cut Cells)	1500		
								CS-QB555-120	19.60				
								CS-QB560-120	19.78				
								CS-QB565-120	19.95				
								CS-QB570-120	20.13				
								CS-QB575-120	20.31				
								CS-QB580-120	20.48				
								CS-QB585-120	20.66				
								CS-QB590-120	20.84				
					6	BiFacial Mono c-Si PERC Module (Glass to Glass)	CS-QB525-110 (525Wp)	CS-QB500-110	19.14	110 (Half Cut Cells)	1500		
								CS-QB505-110	19.33				
								CS-QB510-110	19.52				
								CS-QB515-110	19.71				
								CS-QB520-110	19.90				
								CS-QB525-110	20.09				
								CS-QB530-110	20.28				
								CS-QB535-110	20.48				
								CS-QB540-110	20.67				
					7	Mono c-Si PERC Module (Glass to Backsheet)	CS-HN525-144 (525Wp)	CS-HN500-144	19.50	144 (Half Cut Cells)	1500		
								CS-HN505-144	19.70				
								CS-HN510-144	19.89				
								CS-HN515-144	20.09				
								CS-HN520-144	20.28				
								CS-HN525-144	20.48				
								CS-HN530-144	20.67				
								CS-HN535-144	20.87				
								CS-HN540-144	21.06				
								CS-HN545-144	21.26				
								CS-HN550-144	21.45				
					8	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-QB670-132 (670Wp)	CS-QB655-132	21.09	132 (Half Cut Cells)	1500		
								CS-QB660-132	21.25				
								CS-QB665-132	21.41				
								CS-QB670-132	21.57				
								CS-QB675-132	21.73				
								CS-QB680-132	21.89				
								CS-QB685-132	22.05				
					9	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-QB610-120 (610Wp)	CS-QB595-120	21.01	120 (Half Cut Cells)	1500		
								CS-QB600-120	21.19				
								CS-QB605-120	21.37				
								CS-QB610-120	21.54				
								CS-QB615-120	21.72				
								CS-QB620-120	21.90				
					10	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-QB560-110 (560Wp)	CS-QB545-110	20.86	110 (Half Cut Cells)	1500		
								CS-QB550-110	21.05				
								CS-QB555-110	21.24				
								CS-QB560-110	21.43				
								CS-QB565-110	21.62				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								CS-QB570-110	21.82				
					11	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-HB570-156 (570Wp)	CS-HB545-156	19.49	156 (Half Cut Cells)	1500		
								CS-HB550-156	19.67				
								CS-HB555-156	19.85				
								CS-HB560-156	20.03				
								CS-HB565-156	20.20				
								CS-HB570-156	20.38				
								CS-HB575-156	20.56				
								CS-HB580-156	20.74				
								CS-HB585-156	20.92				
								CS-HB590-156	21.10				
								CS-HB595-156	21.28				
					12	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-HB530-144 (530Wp)	CS-HB505-144	19.70	144 (Half Cut Cells)	1500		
								CS-HB510-144	19.89				
								CS-HB515-144	20.09				
								CS-HB520-144	20.28				
								CS-HB525-144	20.48				
								CS-HB530-144	20.67				
								CS-HB535-144	20.87				
								CS-HB540-144	21.06				
								CS-HB545-144	21.26				
								CS-HB550-144	21.45				
					13	Bifacial N Type TOPCon Module (Glass to Glass)	CS-HBT580-144 (580Wp)	CS-HBT560-144	21.68	144 (Half Cut Cells)	1500		
								CS-HBT565-144	21.87				
								CS-HBT570-144	22.07				
								CS-HBT575-144	22.26				
								CS-HBT580-144	22.45				
								CS-HBT585-144	22.65				
								CS-HBT590-144	22.84				
								CS-HBT595-144	23.03				
								CS-HBT600-144	23.23				
					14	Bifacial N Type TOPCon Module (Glass to Glass)	CS-HBT625-156 (625Wp)	CS-HBT610-156	21.81	156 (Half Cut Cells)	1500		
								CS-HBT615-156	21.99				
								CS-HBT620-156	22.17				
								CS-HBT625-156	22.35				
								CS-HBT630-156	22.53				
								CS-HBT635-156	22.71				
								CS-HBT640-156	22.89				
					15	Mono c-Si PERC Module	CS-QU685-132 (685Wp)	CS-QU675-132	21.73	132 (Half Cut Cells)	1500		
								CS-QU680-132	21.89				
								CS-QU685-132	22.05				
								CS-QU690-132	22.21				
								CS-QU695-132	22.37				
								CS-QU700-132	22.53				
					16	Mono c-Si PERC Module	CS-QU625-120 (625Wp)	CS-QU610-120	21.54	120 (Half Cut Cells)	1500		
								CS-QU615-120	21.72				
								CS-QU620-120	21.90				
								CS-QU625-120	22.07				
								CS-QU630-120	22.25				
								CS-QU635-120	22.43				
					17	Mono c-Si PERC Module	CS-QU570-110 (570Wp)	CS-QU560-110	21.43	110 (Half Cut Cells)	1500		
								CS-QU565-110	21.62				
								CS-QU570-110	21.82				
								CS-QU575-110	22.01				
								CS-QU580-110	22.20				
					18	Bifacial N Type TOPCon Module (Glass to Glass)	CS-QBT695-132 (695Wp)	CS-QBT710-132	22.86	132 (Half Cut Cells) 18BB (210*210 mm)	1500		
								CS-QBT705-132	22.70				
								CS-QBT700-132	22.53				
								CS-QBT695-132	22.37				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								CS-QBT690-132	22.21				
								CS-QBT685-132	22.05				
								CS-QBT680-132	21.89				
					19	Bifacial N Type TOPCon Module (Glass to Glass)	CS-QBT630-120 (630Wp)	CS-QBT645-120	22.78	120 (Half Cut Cells) 18BB (210*210 mm)	1500		
								CS-QBT640-120	22.60				
								CS-QBT635-120	22.43				
								CS-QBT630-120	22.25				
								CS-QBT625-120	22.07				
								CS-QBT620-120	21.90				
					20	Bifacial N Type TOPCon Module (Glass to Glass)	CS-QBT575-110 (575Wp)	CS-QBT590-110	22.58	110 (Half Cut Cells) 18BB (210*210 mm)	1500		
								CS-QBT585-110	22.39				
								CS-QBT580-110	22.20				
								CS-QBT575-110	22.01				
								CS-QBT570-110	21.82				
								CS-QBT565-110	21.62				
8	**M/s. Sunify Solar LLP (Renewal)**	**Survey no. 624P1, Near Hanuman Temple, Sarvad, Pipaliya Maliya Highway, Chachavadarda road, Morbi, Gujarat, India-363660**	**R-72005800**	**152**	1	Mono c-Si PERC Module	SS132C490M (490 Wp)	SS132C480M	20.21	132 (Half Cut Cell)	1500	21.04.2025	20.04.2029
								SS132C485M	20.42				
								SS132C490M	20.64				
								SS132C495M	20.85				
								SS132C500M	21.06				
					2	Mono c-Si PERC Module	SS144C510M (510Wp)	SS144C505M	19.55	144 (Half Cut Cell)	1500		
								SS144C510M	19.74				
					3	Mono c-Si PERC Module	SS144C535M (535Wp)	SS144C515M	19.94	144 (Half Cut Cell)	1500		
								SS144C520M	20.13				
								SS144C525M	20.32				
								SS144C530M	20.52				
								SS144C535M	20.71				
								SS144C540M	20.90				
								SS144C545M	21.10				
								SS144C550M	21.29				
								SS144C555M	21.48				
								SS144C560M	21.68				
					4	Mono c-Si PERC Module	SS156C565M (565Wp)	SS156C565M	20.21	156 (Half cut cell)	1500		
								SS156C570M	20.39				
								SS156C575M	20.57				
								SS156C580M	20.75				
								SS156C585M	20.93				
9	**M/s. Websol Energy System Limited (New Addition in ALMM)**	**Sector-II, Falta Special Economic Zone, Falta, 24 Parganas (South) - 743504, West Bengal, India**	**R-51000698**	**242**	1	Mono c-Si PERC Module	W5500-GTB-MP535 (535 Wp)	W5500-GTB-MP550	21.32	144 (Half Cut Cells)	1500	21.04.2025	20.04.2029
								W5500-GTB-MP545	21.13				
								W5500-GTB-MP540	20.94				
								W5500-GTB-MP535	20.75				
								W5500-GTB-MP530	20.55				
								W5500-GTB-MP525	20.36				
								W5500-GTB-MP520	20.13				
					2	Mono c-Si PERC Module	W5500-GTB-MP505 (505 Wp)	W5500-GTB-MP515	19.94	144 (Half Cut Cells)	1500		
								W5500-GTB-MP510	19.74				
								W5500-GTB-MP505	19.55				
								W5500-GTB-MP500	19.36				
								W5500-GTB-MP495	19.16				
					3	Mono c-Si PERC Module	W5000-GTB-MP495 (495 Wp)	W5000-GTB-MP505	21.26	132 (Half Cut Cells)	1500		
								W5000-GTB-MP500	21.05				
								W5000-GTB-MP495	20.84				
								W5000-GTB-MP490	20.63				
								W5000-GTB-MP485	20.42				
								W5000-GTB-MP480	20.21				
					4	Mono c-Si PERC Module	W5000-GTB-MP465 (465 Wp)	W5000-GTB-MP475	20.00	132 (Half Cut Cells)	1500		
								W5000-GTB-MP470	19.79				
								W5000-GTB-MP465	19.58				
								W5000-GTB-MP460	19.37				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								W5000-GTB-MP455	19.16				
					5	Mono c-Si PERC Module	W4600-GTB-MP450 (450 Wp)	W4600-GTB-MP460	21.28	120 (Half Cut Cells)	1500		
								W4600-GTB-MP455	21.05				
								W4600-GTB-MP450	20.81				
								W4600-GTB-MP445	20.58				
								W4600-GTB-MP440	20.35				
					6	Mono c-Si PERC Module	W4600-GTB-MP425 (425 Wp)	W4600-GTB-MP435	20.12	120 (Half Cut Cells)	1500		
								W4600-GTB-MP430	19.89				
								W4600-GTB-MP425	19.66				
								W4600-GTB-MP420	19.43				
								W4600-GTB-MP415	19.20				
10	**M/s. Ankur Traders & Engineers Private Limited (Renewal)**	**D-130, B.S. Road, Industrial Area, Ghaziabad - 201009, Uttar Pradesh**	**R-93009695**	**54**	1	Mono PERC C-Si Module	ASM585(585 Wp)	ASM560	20.03	156 (Half Cut Cells)	1500	21.04.2025	20.04.2029
								ASM565	20.21				
								ASM570	20.39				
								ASM575	20.57				
								ASM580	20.75				
								ASM585	20.93				
					2	Mono PERC C-Si Module	ASM530 (530 Wp)	ASM505	19.55	144 (Half Cut Cells)	1500		
								ASM510	19.74				
								ASM515	19.94				
								ASM520	20.13				
								ASM525	20.32				
								ASM530	20.52				
								ASM535	20.71				
								ASM540	20.90				
								ASM545	21.09				
								ASM550	21.29				
					3	Mono PERC C-Si Module	ASM480 (480 Wp)	ASM500	21.07	132 (Half Cut Cells)	1500		
								ASM495	20.85				
								ASM490	20.64				
								ASM485	20.43				
								ASM480	20.22				
								ASM475	20.01				
								ASM470	19.80				
								ASM465	19.59				
								ASM460	19.38				
					4	Mono PERC C-Si Module	ASM430 (430 Wp)	ASM450	20.79	120 (Half Cut Cells)	1500		
								ASM445	20.57				
								ASM440	20.33				
								ASM435	20.10				
								ASM430	19.87				
								ASM425	19.64				
								ASM420	19.41				
								ASM415	19.18				
					5	Mono PERC C-Si Module	ASM260 (260 Wp)	ASM255	19.25	72 (Half Cut Cells)	1500		
								ASM260	19.62				
								ASM265	20.00				
								ASM270	20.38				
					6	Mono PERC C-Si Module	ASM130 (130 Wp)	ASM130	19.12	36 (Half Cut Cells)	1500		
								ASM135	19.86				
11	**M/s. Fujiyama Power Systems Private Limited (Renewal + Model Addition)**	**Plot No. 51,52 Sector-Ecotech-1, Ecotech Extn-1, Greater Noida, Gautam Buddha Nagar, Uttar Pradesh, India**	**R-93022209**	**355**	1	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	UTL660-132BM (660 Wp)	UTL670-132BM	21.30	132 (Half Cut Cell)	1500	21.04.2025	20.04.2029
								UTL665-132BM	21.14				
								UTL660-132BM	20.99				
								UTL655-132BM	20.83				
								UTL650-132BM	20.67				
					2	Bifacial Mono c-Si PERC Module (Glass to Transparent	UTL360-72BM (360 Wp)	UTL365-72BM	20.83	72 (Half Cut Cell)	1500		
								UTL360-72BM	20.54				
								UTL355-72BM	20.26				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
						Backsheet)		UTL350-72BM	19.97				
					3	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	UTL345-68BM (345 Wp)	UTL345-68BM	20.85	68 (Half Cut Cell)	1500		
								UTL340-68BM	20.54				
					4	Bifacial N-type TOPCon Module (Glass to Transparent Backsheet)	UTL575-144BT (575 Wp)	UTL590-144BT	22.87	144 (Half Cut Cell)	1500		
								UTL585-144BT	22.68				
								UTL580-144BT	22.48				
								UTL575-144BT	22.29				
								UTL570-144BT	22.09				
								UTL560-144BT	21.71				
								UTL555-144BT	21.51				
								UTL550-144BT	21.32				
					5	Bifacial N-type TOPCon Module (Glass to Transparent Backsheet)	UTL525-132BT (525 Wp)	UTL525-132BT	22.14	132 (Half Cut Cell)	1500		
					6	Bifacial N-type TOPCon Module (Glass to Glass)	UTL575-144GT (575 Wp)	UTL590-144GT	22.87	144 (Half Cut Cell)	1500		
								UTL585-144GT	22.68				
								UTL580-144GT	22.48				
								UTL575-144GT	22.29				
								UTL570-144GT	22.09				
								UTL560-144GT	21.71				
								UTL550-144GT	21.32				
					7	Mono c-Si PERC Modules	UTL530-72M (530 Wp)	UTL540-72M	20.75	72 (Full Cell)	1500		
								UTL535-72M	20.55				
								UTL530-72M	20.35				
								UTL525-72M	20.15				
								UTL520-72M	20.00				
					8	Mono c-Si PERC Modules	UTL530-144M (530 Wp)	UTL540-144M	20.75	144 (Half Cut Cell)	1500		
								UTL535-144M	20.55				
								UTL530-144M	20.35				
								UTL525-144M	20.15				
								UTL520-144M	20.00				
					9	Mono c-Si PERC Modules	UTL435-72M (435 Wp)	UTL440-72M	20.20	72 (Full Cell)	1500		
								UTL435-72M	19.97				
								UTL430-72M	19.78				
								UTL425-72M	19.51				
					10	Mono c-Si PERC Modules	UTL435-144M (435 Wp)	UTL440-144M	20.20	144 (Half Cut Cell)	1500		
								UTL435-144M	19.97				
								UTL430-144M	19.78				
								UTL425-144M	19.51				
					11	Mono c-Si PERC Modules	UTL395-72MI (395 Wp)	UTL400-72MI	20.06	72 (Full Cell)	1500		
								UTL395-72MI	19.80				
								UTL385-72MI	19.30				
								UTL380-72MI	19.05				
					12	Mono c-Si PERC Modules	UTL395-72M (395 Wp)	UTL400-72M	20.06	72 (Full Cell)	1500		
								UTL395-72M	19.80				
								UTL390-72M	19.55				
								UTL385-72M	19.30				
								UTL380-72M	19.05				
					13	Mono c-Si PERC Modules	UTL195-36MI (195 Wp)	UTL200-36MI	19.70	36 (Full Cell)	1500		
								UTL195-36MI	19.20				
					14	Mono c-Si PERC	UTL200-36M	UTL205-36M	20.20	36 (Full Cell)	1500		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
						Modules	(200 Wp)	UTL200-36M	19.70				
								UTL195-36M	19.20				
12	M/s. Aatmanirbhar Solar Pvt. Ltd. (Renewal)	Survey no 192, Dudhathal, Kheda, Gujarat - 387620, India	R-72005940	158	1	Mono c-Si PERC Module	ASPL380MP72 (380 Wp)	ASPL380MP72	19.13	72 (Half Cut Cells)	1500	21.04.2025	20.04.2029
								ASPL385MP72	19.39				
								ASPL390MP72	19.64				
								ASPL395MP72	19.89				
					2	Mono c-Si PERC Module	ASPL405MP108 (405 Wp)	ASPL390MP108	19.97	108 (Half Cut Cells)	1500		
								ASPL395MP108	20.23				
								ASPL400MP108	20.48				
								ASPL405MP108	20.74				
								ASPL410MP108	21.00				
								ASPL415MP108	21.25				
					3	Mono c-Si PERC Module	ASPL535MP144 (535 Wp)	ASPL525MP144	20.32	144 (Half Cut Cells)	1500		
								ASPL530MP144	20.52				
								ASPL535MP144	20.71				
								ASPL540MP144	20.90				
								ASPL545MP144	21.10				
								ASPL550MP144	21.29				
					4	Bifacial Mono c-Si PERC Module (Glass to Glass)	ASPL585MP156 (585 Wp)	ASPL580MP156	20.75	156 (Half Cut Cells)	1500		
								ASPL585MP156	20.93				
								ASPL590MP156	21.11				
					5	N Type TOPCon Module	ASPL425TPC108 (425 Wp)	ASPL415TPC108	21.25	108 (Half Cut Cells)	1500		
								ASPL420TPC108	21.51				
								ASPL425TPC108	21.76				
								ASPL430TPC108	22.02				
								ASPL435TPC108	22.28				
					6	N Type TOPCon Module	ASPL470TPC120 (470 Wp)	ASPL460TPC120	21.25	120 (Half Cut Cells)	1500		
								ASPL465TPC120	21.48				
								ASPL470TPC120	21.71				
								ASPL475TPC120	21.94				
								ASPL480TPC120	22.17				
					7	Bifacial N Type TOPCon Module (Glass to Glass)	ASPL565TPC144 (565 Wp)	ASPL545TPC144	21.10	144 (Half Cut Cells)	1500		
								ASPL550TPC144	21.29				
								ASPL555TPC144	21.48				
								ASPL560TPC144	21.68				
								ASPL565TPC144	21.87				
								ASPL570TPC144	22.07				
								ASPL575TPC144	22.26				
								ASPL580TPC144	22.45				
								ASPL585TPC144	22.65				
					8	Bifacial N Type TOPCon Module (Glass to Glass)	ASPL620TPC156 (620 Wp)	ASPL605TPC156	21.64	156 (Half Cut Cells)	1500		
								ASPL610TPC156	21.82				
								ASPL615TPC156	22.00				
								ASPL620TPC156	22.18				
								ASPL625TPC156	22.36				
								ASPL630TPC156	22.54				
13	M/s. Emmvee Energy Private Limited (Model Addition)	Sy. No. 66-70/3, Sompura Industrial Area, Pemmanahalli Village, Sompura Hobli, Nelamangala Taluk, Bengaluru Rural District, Karnataka - 562111, India	R-62004626	3264	1	Bifacial N-Type TOPCon Modules (Glass to Glass)	E595HCBG144-T (595 Wp)	E585HCBG144-T	22.65	144 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								E590HCBG144-T	22.84				
								E595HCBG144-T	23.03				
								E600HCBG144-T	23.23				
								E605HCBG144-T	23.42				
					2	Bifacial N-Type TOPCon Modules (Glass to Transparent Backsheet)	E415HCBT108-T (415 Wp)	E395HCBT108-T	20.25	108 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								E400HCBT108-T	20.51				
								E405HCBT108-T	20.76				
								E410HCBT108-T	21.02				
								E415HCBT108-T	21.28				
								E420HCBT108-T	21.53				
								E425HCBT108-T	21.79				
								E430HCBT108-T	22.05				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								E435HCBT108-T	22.30				
					3	Bifacial N-Type TOPCon Modules (Glass to Transparent Backsheet)	E460HCBT120T (460Wp)	E440HCBT120-T	20.28	120 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								E445HCBT120-T	20.51				
								E450HCBT120-T	20.74				
								E455HCBT120-T	20.97				
								E460HCBT120-T	21.20				
								E465HCBT120-T	21.44				
								E470HCBT120-T	21.67				
								E475HCBT120-T	21.90				
								E480HCBT120-T	22.13				
					4	Bifacial N-Type TOPCon Modules (Glass to Transparent Backsheet)	E505HCBT132-T (505 Wp)	E480HCBT132-T	20.19	132 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								E485HCBT132-T	20.40				
								E490HCBT132-T	20.61				
								E495HCBT132-T	20.82				
								E500HCBT132-T	21.03				
								E505HCBT132-T	21.24				
								E510HCBT132-T	21.45				
								E515HCBT132-T	21.66				
								E520HCBT132-T	21.87				
								E525HCBT132-T	22.08				
								E530HCBT132-T	22.29				
					5	Bifacial N-Type TOPCon Modules (Glass to Transparent Backsheet)	E555HCBT144-T (555 Wp)	E530HCBT144-T	20.52	144 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								E535HCBT144-T	20.71				
								E540HCBT144-T	20.90				
								E545HCBT144-T	21.10				
								E550HCBT144-T	21.29				
								E555HCBT144-T	21.48				
								E560HCBT144-T	21.68				
								E565HCBT144-T	21.87				
								E570HCBT144-T	22.07				
								E575HCBT144-T	22.26				
								E580HCBT144-T	22.45				
					6	Bifacial N-Type TOPCon Modules (Glass to Transparent Backsheet)	E525HCBT144-T (525 Wp)	E525HCBT144-T	20.32	144 (Half Cut Cells)	1500	08.07.2024	07.07.2028
					7	N-Type TOPCon Module	E415HCMW108-T (415 Wp)	E395HCMW108-T	20.25	108 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								E400HCMW108-T	20.51				
								E405HCMW108-T	20.76				
								E410HCMW108-T	21.02				
								E415HCMW108-T	21.28				
								E420HCMW108-T	21.53				
								E425HCMW108-T	21.79				
								E430HCMW108-T	22.05				
								E435HCMW108-T	22.30				
					8	N-Type TOPCon Module	E460HCMW120-T (460 Wp)	E440HCMW120-T	20.28	120 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								E445HCMW120-T	20.51				
								E450HCMW120-T	20.74				
								E455HCMW120-T	20.97				
								E460HCMW120-T	21.20				
								E465HCMW120-T	21.44				
								E470HCMW120-T	21.67				
								E475HCMW120-T	21.90				
								E480HCMW120-T	22.13				
					9	N-Type TOPCon Module	E505HCMW132-T (505 Wp)	E480HCMW132-T	20.19	132 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								E485HCMW132-T	20.40				
								E490HCMW132-T	20.61				
								E495HCMW132-T	20.82				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								E500HCMW132-T	21.03				
								E505HCMW132-T	21.24				
								E510HCMW132-T	21.45				
								E515HCMW132-T	21.66				
								E520HCMW132-T	21.87				
								E525HCMW132-T	22.08				
								E530HCMW132-T	22.29				
					10	N-Type TOPCon Module	E505HCMW144-T (555 Wp)	E530HCMW144-T	20.52	144 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								E535HCMW144-T	20.71				
								E540HCMW144-T	20.90				
								E545HCMW144-T	21.10				
								E550HCMW144-T	21.29				
								E555HCMW144-T	21.48				
								E560HCMW144-T	21.68				
								E565HCMW144-T	21.87				
								E570HCMW144-T	22.07				
								E575HCMW144-T	22.26				
								E580HCMW144-T	22.45				
					11	N-Type TOPCon Module	E525HCMW144-T (525 Wp)	E525HCMW144-T	20.32	144 (Half Cut Cells)	1500	08.07.2024	07.07.2028
14	**M/s. Emmvee Photovoltaic Power Private Limited (Model Addition)**	**Sy. No. 66-70/3, Pemmanahalli Village, Sompura Hobli, Dabaspet, Nelamangala Taluk, Bengaluru Rural District, Karnataka - 562111, India**	**R-62002976**	**678**	1	Bifacial N-Type TOPCon Modules (Glass to Glass)	E590HCBG144-T	E585HCBG144-T	22.65	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028
								E590HCBG144-T	22.84				
								E595HCBG144-T	23.03				
15	**M/s. Gautam Solar Private Limited (New Addition in ALMM)**	**7KM Milestone, Tosham Road, Dist. Bhiwani, Bhiwani Khera-127032, Haryana, India**	**R-91017574**	**470**	1	Mono c-Si PERC Modules	G2X530-HAD (530 Wp)	G2X510-HAD	19.73	144 (Half Cut Cells)	1500	21.04.2025	20.04.2029
								G2X515-HAD	19.92				
								G2X520-HAD	20.11				
								G2X525-HAD	20.31				
								G2X530-HAD	20.50				
								G2X535-HAD	20.69				
								G2X540-HAD	20.89				
								G2X545-HAD	21.08				
								G2X550-HAD	21.27				
								G2X555-HAD	21.47				
								G2X560-HAD	21.66				
					2	Mono c-Si PERC Modules	G2X495-HAB (495 Wp)	G2X520-HAB	21.89	132 (Half Cut Cells)	1500		
								G2X515-HAB	21.68				
								G2X510-HAB	21.47				
								G2X505-HAB	21.26				
								G2X500-HAB	21.05				
								G2X495-HAB	20.84				
								G2X490-HAB	20.63				
								G2X485-HAB	20.41				
					3	Mono c-Si PERC Modules	G2X450-HAA (450 Wp)	G2X465-HAA	21.47	120 (Half Cut Cells)	1500		
								G2X460-HAA	21.24				
								G2X455-HAA	21.01				
								G2X450-HAA	20.78				
								G2X445-HAA	20.55				
								G2X440-HAA	20.31				
					4	Mono c-Si PERC Modules	G2X450-HAY (405 Wp)	G2X420-HAY	21.31	108 (Half Cut Cells)	1500		
								G2X415-HAY	21.06				
								G2X410-HAY	20.80				
								G2X405-HAY	20.55				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								G2X400-HAY	20.30				
								G2X390-HAY	19.79				
					5	Mono c-Si PERC Modules	G2X360-HAX (360 Wp)	G2X370-HAX	21.21	96 (Half Cut Cells)	1500		
								G2X365-HAX	20.93				
								G2X360-HAX	20.64				
								G2X355-HAX	20.35				
								G2X350-HAX	20.07				
					6	Bifacial Mono c-Si PERC Modules	G2XBifacial 1695-HAD (535 Wp) (510 Wp-560 Wp)	G2XBifacial 728-HAD	21.66	144 (Half Cut Cells)	1500		
								G2XBifacial 721-HAD	21.47				
								G2XBifacial 715-HAD	21.27				
								G2XBifacial 708-HAD	21.08				
								G2XBifacial 702-HAD	20.89				
								G2XBifacial 695-HAD	20.69				
								G2XBifacial 689-HAD	20.50				
								G2XBifacial 682-HAD	20.31				
								G2XBifacial 676-HAD	20.11				
								G2XBifacial 669-HAD	19.92				
								G2XBifacial 663-HAD	19.73				
					7	Bifacial Mono c-Si PERC Modules	G2XBifacial 1650-HAB (500 Wp) (485 Wp-520 Wp)	G2XBifacial 1676-HAB	21.75	132 (Half Cut Cells)	1500		
								G2XBifacial 1669-HAB	21.54				
								G2XBifacial 1663-HAB	21.33				
								G2XBifacial 1656-HAB	21.13				
								G2XBifacial 1650-HAB	20.92				
								G2XBifacial 1643-HAB	20.71				
								G2XBifacial 1637-HAB	20.50				
								G2XBifacial 1630-HAB	20.29				
					8	Bifacial Mono c-Si PERC Modules	G2XBifacial 1585-HAa (450 Wp) (440 Wp-465 Wp)	G2XBifacial 1604-HAA	21.32	120 (Half Cut Cells)	1500		
								G2XBifacial 1598-HAA	21.09				
								G2XBifacial 1591-HAA	20.87				
								G2XBifacial 1585-HAA	20.64				
								G2XBifacial 1578-HAA	20.41				
								G2XBifacial 1572-HAA	20.18				
					9	Bifacial Mono c-Si PERC Modules	G2XBifacial 1526-HAY (405 Wp) (390 Wp-420 Wp)	G2XBifacial 1546-HAY	21.31	108 (Half Cut Cells)	1500		
								G2XBifacial 1539-HAY	21.06				
								G2XBifacial 1533-HAY	20.80				
								G2XBifacial 1526-HAY	20.55				
								G2XBifacial 1520-HAY	20.30				
								G2XBifacial 1507-HAY	19.79				
					10	Bifacial Mono c-Si PERC Modules	G2XBifacial 1468-HAX (360 Wp) (350 Wp-370 Wp)	G2XBifacial 1481-HAX	21.00	96 (Half Cut Cells)	1500		
								G2XBifacial 1474-HAX	20.71				
								G2XBifacial 1468-HAX	20.43				
								G2XBifacial 1461-HAX	20.14				
								G2XBifacial 1455-HAX	19.86				
16	**M/s. Knack Energy Private Limited (New Addition in ALMM)**	**Survey No. 291 & 292, Besides Kamla Amrut Industrial Estate, Budasun, Near Hitachi, Jhonson Kadi, Mehsana-382715,Gujarat, India**	**R-72012319**	**598**	1	Bifacial N-Type TOPCon Module (Glass to Glass)	KNACK-NG2G-16B-156-630 (630 Wp)	KNACK-NG2G-16B-156-605	21.63	156 (Half Cut Cells)	1500	21.04.2025	20.04.2029
								KNACK-NG2G-16B-156-610	21.81				
								KNACK-NG2G-16B-156-615	21.99				
								KNACK-NG2G-16B-156-620	22.17				
								KNACK-NG2G-16B-156-625	22.35				
								KNACK-NG2G-16B-156-630	22.53				
								KNACK-NG2G-16B-156-635	22.71				
								KNACK-NG2G-16B-156-640	22.89				
								KNACK-NG2G-16B-156-645	23.07				
								KNACK-NG2G-16B-156-650	23.24				
					2	Bifacial N-Type TOPCon Module (Glass to Glass)	KNACK-NG2G-16A-156-630 (630 Wp)	KNACK-NG2G-16A-156-605	21.63	156 (Half Cut Cells)	1500		
								KNACK-NG2G-16A-156-610	21.81				
								KNACK-NG2G-16A-156-615	21.99				
								KNACK-NG2G-16A-156-620	22.17				
								KNACK-NG2G-16A-156-625	22.35				
								KNACK-NG2G-16A-156-630	22.53				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								KNACK-NG2G-16A-156-635	22.71				
								KNACK-NG2G-16A-156-640	22.89				
								KNACK-NG2G-16A-156-645	23.07				
								KNACK-NG2G-16A-156-650	23.24				
					3	Bifacial N-Type TOPCon Module (Glass to Glass)	KNACK-NG2G-16B-144-560 (560 Wp)	KNACK-NG2G-16B-144-545	21.10	144 (Half Cut Cells)	1500		
								KNACK-NG2G-16B-144-550	21.29				
								KNACK-NG2G-16B-144-555	21.48				
								KNACK-NG2G-16B-144-560	21.68				
								KNACK-NG2G-16B-144-565	21.87				
								KNACK-NG2G-16B-144-570	22.07				
								KNACK-NG2G-16B-144-575	22.06				
					4	Bifacial N-Type TOPCon Module (Glass to Glass)	KNACK-NG2G-16B-144-590 (590 Wp)	KNACK-NG2G-16B-144-580	22.45	144 (Half Cut Cells)	1500		
								KNACK-NG2G-16B-144-585	22.65				
								KNACK-NG2G-16B-144-590	22.84				
								KNACK-NG2G-16B-144-595	23.03				
								KNACK-NG2G-16B-144-600	23.23				
					5	Bifacial N-Type TOPCon Module (Glass to Glass)	KNACK-NG2G-16A-144-560 (560 Wp)	KNACK-NG2G-16A-144-545	21.10	144 (Half Cut Cells)	1500		
								KNACK-NG2G-16A-144-550	21.29				
								KNACK-NG2G-16A-144-555	21.48				
								KNACK-NG2G-16A-144-560	21.68				
								KNACK-NG2G-16A-144-565	21.87				
								KNACK-NG2G-16A-144-570	22.07				
								KNACK-NG2G-16A-144-575	22.26				
					6	Bifacial N-Type TOPCon Module (Glass to Glass)	KNACK-NG2G-16A-144-590 (590 Wp)	KNACK-NG2G-16A-144-580	22.45	144 (Half Cut Cells)	1500		
								KNACK-NG2G-16A-144-585	22.65				
								KNACK-NG2G-16A-144-590	22.84				
								KNACK-NG2G-16A-144-595	23.03				
								KNACK-NG2G-16A-144-600	23.23				
					7	Bifacial Mono c-Si PERC Module (Glass to Glass)	KNACK-PG2G-10A-144-530 (530 Wp)	KNACK-PG2G-10A-144-505	19.55	144 (Half Cut Cells)	1500		
								KNACK-PG2G-10A-144-510	19.74				
								KNACK-PG2G-10A-144-515	19.94				
								KNACK-PG2G-10A-144-520	20.13				
								KNACK-PG2G-10A-144-525	20.32				
								KNACK-PG2G-10A-144-530	20.52				
								KNACK-PG2G-10A-144-535	20.71				
								KNACK-PG2G-10A-144-540	20.90				
								KNACK-PG2G-10A-144-545	21.10				
								KNACK-PG2G-10A-144-550	21.29				
								KNACK-PG2G-10A-144-555	21.48				
					8	Bifacial N-Type TOPCon Module (Glass to Glass)	KNACK-NG2G-16B-132-515 (515 Wp)	KNACK-NG2G-16B-132-495	20.87	132 (Half Cut Cells)	1500		
								KNACK-NG2G-16B-132-500	21.08				
								KNACK-NG2G-16B-132-505	21.29				
								KNACK-NG2G-16B-132-510	21.50				
								KNACK-NG2G-16B-132-515	21.71				
								KNACK-NG2G-16B-132-520	21.92				
								KNACK-NG2G-16B-132-525	22.13				
								KNACK-NG2G-16B-132-530	22.34				
								KNACK-NG2G-16B-132-535	22.55				
								KNACK-NG2G-16B-132-540	22.76				
					9	Bifacial N-Type TOPCon Module (Glass to Glass)	KNACK-NG2G-16A-132-515 (515 Wp)	KNACK-NG2G-16A-132-495	20.87	132 (Half Cut Cells)	1500		
								KNACK-NG2G-16A-132-500	21.08				
								KNACK-NG2G-16A-132-505	21.29				
								KNACK-NG2G-16A-132-510	21.50				
								KNACK-NG2G-16A-132-515	21.71				
								KNACK-NG2G-16A-132-520	21.92				
								KNACK-NG2G-16A-132-525	22.13				
								KNACK-NG2G-16A-132-530	22.34				
								KNACK-NG2G-16A-132-535	22.55				
								KNACK-NG2G-16A-132-540	22.76				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					10	Bifacial Mono c-Si PERC Module (Glass to Glass)	KNACK-PG2G-10A-132-480 (480 Wp)	KNACK-PG2G-10A-132-460	19.39	132 (Half Cut Cells)	1500		
								KNACK-PG2G-10A-132-465	19.60				
								KNACK-PG2G-10A-132-470	19.81				
								KNACK-PG2G-10A-132-475	20.02				
								KNACK-PG2G-10A-132-480	20.23				
								KNACK-PG2G-10A-132-485	20.44				
								KNACK-PG2G-10A-132-490	20.65				
								KNACK-PG2G-10A-132-495	20.87				
								KNACK-PG2G-10A-132-500	21.08				
					11	Bifacial N-Type TOPCon Module (Glass to Glass)	KNACK-NG2G-16B-120-470 (470 Wp)	KNACK-NG2G-16B-120-450	20.80	120 (Half Cut Cells)	1500		
								KNACK-NG2G-16B-120-455	21.03				
								KNACK-NG2G-16B-120-460	21.26				
								KNACK-NG2G-16B-120-465	21.49				
								KNACK-NG2G-16B-120-470	21.72				
								KNACK-NG2G-16B-120-475	21.95				
								KNACK-NG2G-16B-120-480	22.18				
								KNACK-NG2G-16B-120-485	22.42				
								KNACK-NG2G-16B-120-490	22.65				
					12	Bifacial N-Type TOPCon Module (Glass to Glass)	KNACK-NG2G-16A-120-470 (470 Wp)	KNACK-NG2G-16A-120-450	20.80	120 (Half Cut Cells)	1500		
								KNACK-NG2G-16A-120-455	21.03				
								KNACK-NG2G-16A-120-460	21.26				
								KNACK-NG2G-16A-120-465	21.49				
								KNACK-NG2G-16A-120-470	21.72				
								KNACK-NG2G-16A-120-475	21.95				
								KNACK-NG2G-16A-120-480	22.18				
								KNACK-NG2G-16A-120-485	22.42				
								KNACK-NG2G-16A-120-490	22.65				
					13	Bifacial Mono c-Si PERC Module (Glass to Glass)	KNACK-PG2G-10A-120-435 (435 Wp)	KNACK-PG2G-10A-120-415	19.18	120 (Half Cut Cells)	1500		
								KNACK-PG2G-10A-120-420	19.41				
								KNACK-PG2G-10A-120-425	19.64				
								KNACK-PG2G-10A-120-430	19.87				
								KNACK-PG2G-10A-120-435	20.10				
								KNACK-PG2G-10A-120-440	20.34				
								KNACK-PG2G-10A-120-445	20.57				
								KNACK-PG2G-10A-120-450	20.80				
								KNACK-PG2G-10A-120-455	21.03				
					14	Bifacial N-Type TOPCon Module (Glass to Glass)	KNACK-NG2G-16B-108-425 (425 Wp)	KNACK-NG2G-16B-108-405	20.64	108 (Half Cut Cells)	1500		
								KNACK-NG2G-16B-108-410	20.90				
								KNACK-NG2G-16B-108-415	21.15				
								KNACK-NG2G-16B-108-420	21.41				
								KNACK-NG2G-16B-108-425	21.66				
								KNACK-NG2G-16B-108-430	21.92				
								KNACK-NG2G-16B-108-435	22.17				
								KNACK-NG2G-16B-108-440	22.43				
								KNACK-NG2G-16B-108-445	22.68				
					15	Bifacial N-Type TOPCon Module (Glass to Glass)	KNACK-NG2G-16A-108-425 (425 Wp)	KNACK-NG2G-16A-108-405	20.64	108 (Half Cut Cells)	1500		
								KNACK-NG2G-16A-108-410	20.90				
								KNACK-NG2G-16A-108-415	21.15				
								KNACK-NG2G-16A-108-420	21.41				
								KNACK-NG2G-16A-108-425	21.66				
								KNACK-NG2G-16A-108-430	21.92				
								KNACK-NG2G-16A-108-435	22.17				
								KNACK-NG2G-16A-108-440	22.43				
								KNACK-NG2G-16A-108-445	22.68				
					16	Bifacial Mono c-Si PERC Module (Glass to Glass)	KNACK-PG2G-10A-108-385 (385 Wp)	KNACK-PG2G-10A-108-375	19.11	108 (Half Cut Cells)	1500		
								KNACK-PG2G-10A-108-380	19.37				
								KNACK-PG2G-10A-108-385	19.62				
								KNACK-PG2G-10A-108-390	19.88				
					17	Bifacial Mono c-Si PERC	KNACK-PG2G-10A-108-	KNACK-PG2G-10A-108-395	20.13	108 (Half Cut Cells)	1500		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
						Module (Glass to Glass)	405 (405 Wp)	KNACK-PG2G-10A-108-400	20.39				
								KNACK-PG2G-10A-108-405	20.64				
								KNACK-PG2G-10A-108-410	20.90				
17	M/s. Loom Solar Private Limited (New Addition in ALMM)	Block Ala, Palwal Logistic Park, Ferozpur, Palwal-121102, Haryana, India	R-91017728	43	1	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SHARK 585 (585 Wp)	SHARK	23.23	144 (Half Cut Cells)	1500	21.04.2025	20.04.2029
								SHARK 595	23.03				
								SHARK 590	22.84				
								SHARK 585	22.65				
								SHARK 580	22.45				
								SHARK 575	22.26				
								SHARK 570	22.07				
								SHARK 565	21.87				
					2	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SHARK 290 (290 Wp)	SHARK 300	22.39	72 (Half Cut Cells)	1500		
								SHARK 295	22.02				
								SHARK 290	21.65				
								SHARK 285	21.27				
								SHARK 280	20.90				
18	M/s. Rayon Illuminations Solar Solutions Private Limited (New Addition in ALMM)	Plot No. 42, Sector 5, DMIC Shendra, Aurangabad-431007, Maharashtra, India	R-71036293	62	1	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RS144MB 545W (545 Wp)	RS144MB 550W	21.29	144 (Half Cut Cells)	1500	21.04.2025	20.04.2029
								RS144MB 545W	21.10				
								RS144MB 540W	20.90				
								RS144MB 535W	20.71				
					2	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RS132MB 490W (490 Wp)	RS132MB 500W	21.06	132 (Half Cut Cells)	1500		
								RS132MB 495W	20.85				
								RS132MB 490W	20.64				
								RS132MB 485W	20.42				
								RS132MB 480W	20.21				
								RS132MB 475W	20.00				
					3	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RS132MB 460W (460 Wp)	RS132MB 470W	19.79	132 (Half Cut Cells)	1500		
								RS132MB 465W	19.58				
								RS132MB 460W	19.37				
								RS132MB 455W	19.16				
					4	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RS120MB 445W (445 Wp)	RS120MB 455W	21.02	120 (Half Cut Cells)	1500		
								RS120MB 450W	20.79				
								RS120MB 445W	20.56				
								RS120MB 440W	20.33				
								RS120MB 435W	20.09				
					5	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RS120MB 420W (420 Wp)	RS120MB 430W	19.86	120 (Half Cut Cells)	1500		
								RS120MB 425W	19.63				
								RS120MB 420W	19.40				
								RS120MB 415W	19.17				
					6	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RS108MB 385W (385Wp)	RS108MB 395W	20.23	108 (Half Cut Cells)	1500		
								RS108MB 390W	19.97				
								RS108MB 385W	19.72				
								RS108MB 380W	19.46				
								RS108MB 375W	19.20				
					7	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RS144TP 575W (575Wp)	RS144TP 590W	22.84	144 (Half Cut Cells)	1500		
								RS144TP 585W	22.65				
								RS144TP 580W	22.45				
								RS144TP 575W	22.26				
								RS144TP 570W	22.07				
								RS144TP 565W	21.87				
								RS144TP 560W	21.68				
								RS144TP 555W	21.48				
					8	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RS144TP 535W (535Wp)	RS144TP 550W	21.29	144 (Half Cut Cells)	1500		
								RS144TP 545W	21.10				
								RS144TP 540W	20.90				
								RS144TP 535W	20.71				
								RS144TP 530W	20.52				
								RS144TP 525W	20.32				
								RS144TP 520W	20.13				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					9	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RS132TP 505W (505Wp)	RS132TP 515W	21.69	132 (Half Cut Cells)	1500		
								RS132TP 510W	21.48				
								RS132TP 505W	21.27				
								RS132TP 500W	21.06				
								RS132TP 495W	20.85				
					10	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RS132TP 480W (480Wp)	RS132TP 490W	20.64	132 (Half Cut Cells)	1500		
								RS132TP 485W	20.42				
								RS132TP 480W	20.21				
								RS132TP 475W	20.00				
								RS132TP 470W	19.79				
					11	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RS120TP 445W (445Wp)	RS120TP 465W	21.48	120 (Half Cut Cells)	1500		
								RS120TP 460W	21.25				
								RS120TP 455W	21.02				
								RS120TP 450W	20.79				
								RS120TP 445W	20.56				
								RS120TP 440W	20.33				
								RS120TP 435W	20.09				
								RS120TP 430W	19.86				
								RS120TP 425W	19.63				
					12	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RS108TP 400W (400Wp)	RS108TP 420W	21.51	108 (Half Cut Cells)	1500		
								RS108TP 415W	21.25				
								RS108TP 410W	21.00				
								RS108TP 405W	20.74				
								RS108TP 400W	20.48				
								RS108TP 395W	20.23				
								RS108TP 390W	19.97				
								RS108TP 385W	19.72				

F. No. 283/41/2024-GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय / Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003.
Dated: 27th March, 2025

OFFICE MEMORANDUM

Sub: Updation of List I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 – Reg.

Ref: (i) MNRE's O.M. No. 283/54/2018-GRID SOLAR–Part(1) dated 10.03.2021
(ii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 10.05.2023;
(iii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 22.03.2024;

Reference is invited to this Ministry's O.M.s of even no. dated 10.03.2021, regarding implementation of Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirement for Compulsory Registration) Order, 2019 and publishing List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019.

2. This Ministry vide its O.M. No. 283/22/2023-GRID SOLAR/Pt dated 10.05.2023 and O.M. of even no. dated 22.03.2024 inter-alia directed that only such models of Solar PV Module Manufacturers will be enlisted under ALMM, which comply with the BIS Standards and are having the following minimum module efficiency:

Category	Application/ Use	Minimum Module Efficiency requirement for crystalline-Silicon technology based Solar PV Modules	Minimum Module Efficiency requirement for Cadmium Telluride Thin Film technology based Solar PV Modules
Category I	Utility / Grid Scale Power Plants	20.0%	19.00%
Category II	Rooftop and Solar Pumping	19.5%	18.50%
Category III	Solar Lighting	19.0%	18.00%

3. Post the O.M. dated 10.05.2023 and subsequent O.M. dated 22.03.2024, only such models of Solar PV Modules have been considered for enlistment under ALMM List-I, whose module efficiency is meeting the eligibility criteria as mentioned in table at para-2 above.

4. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 was last updated on 17.02.2025.

5. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 is hereby further revised and the Revision-XXXVI of same is enclosed at Annexure-I. The details of provisional enlistments granted by MNRE in ALMM List-I are at pages after Annexure-I.

6. The ALMM enlistment validity is subject to valid BIS Registration; else deemed to be delisted.

7. The details of Registration No. (R. No.) which has been allotted by BIS is mentioned against each manufacturer / manufacturing unit enlisted in ALMM and further details related to BIS certification like validity, models included, etc. may be checked from BIS website by using the following link:
https://www.crsbis.in/BIS/Lims_registrationc.do?hmode=getLimsData

8. This issues with the approval of competent authority.

(Sanjay G. Karndhar)
Scientist-E
E-mail: karndhar.sg@nic.in

Encl: as above

To: All Concerned

Copy to: Director (Technical), NIC, MNRE for uploading this document on MNRE's website

Annexure - I
Revision - XXXVI

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 27th March 2025)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
1	Emmvee Photovoltaic Power Pvt. Ltd.	#13/1, International Airport Road (Bellary Road), Bettahalasuru Post, Bengaluru-562157, Karnataka	R-62001074	512	i	Mono C-Si PERC Modules	E390M72 (390 Wp)	E385M72	19.20	72 (Full Cells)	1500	10.03.2023	09.03.2027
								E390M72	19.45				
								E395M72	19.70				
					ii	Mono C-Si PERC Modules	E325M60 (325 Wp)	E320M60	19.04	60 (Full Cells)	1500	10.03.2023	09.03.2027
								E325M60	19.34				
								E330M60	19.64				
2	M/s Sova Solar Ltd.	Layout Plot No: 25, E.P.I.P, Banskopa, Durgapur 713212, West Bengal, India.	R-51000590	1297	i	Mono C-Si PERC Modules	SS535144HCMP (535Wp)	SS520144HCMP	20.16	144 (Half-Cut Cells)	1500	10.03.2023	09.03.2027
								SS525144HCMP	20.35				
								SS530144HCMP	20.54				
								SS535144HCMP	20.74				
								SS540144HCMP	20.93				
								SS545144HCMP	21.13				
								SS550144HCMP	21.32				
								SS555144HCMP	21.51				
					ii	Mono C-Si PERC Bifacial Modules	SS535144HCBP (535Wp)	SS520144HCBP	20.16	144 (Half-Cut Cells)	1500	10.03.2023	09.03.2027
								SS525144HCBP	20.35				
								SS530144HCBP	20.54				
								SS535144HCBP	20.74				
								SS540144HCBP	20.93				
								SS545144HCBP	21.13				
								SS550144HCBP	21.32				
					iii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	SS535144HCMP (535Wp)	SS520144HCMP	20.16	144 (Half-Cut Cells)	1500	10.03.2023	09.03.2027
								SS525144HCMP	20.35				
								SS530144HCMP	20.54				
								SS535144HCMP	20.74				
								SS540144HCMP	20.93				
								SS545144HCMP	21.13				
								SS550144HCMP	21.32				
								SS555144HCMP	21.51				
					iv	N-Type TOPCON Modules (Glass to Glass)	SS565144HCGT (565Wp)	SS580144HCGT	22.48	144 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								SS575144HCGT	22.29				
								SS570144HCGT	22.09				
								SS565144HCGT	21.90				
								SS560144HCGT	21.71				
								SS555144HCGT	21.51				
								SS550144HCGT	21.32				
								SS545144HCGT	21.12				
								SS540144HCGT	20.93				
					v	Mono c-Si PERC Modules (Glass to Transparent Backsheet)	SS490132HCMP (490Wp)	SS505132HCMP	21.27	132 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								SS500132HCMP	21.06				
								SS495132HCMP	20.85				
								SS490132HCMP	20.64				
								SS485132HCMP	20.43				
								SS480132HCMP	20.22				
								SS475132HCMP	20.01				
								SS470132HCMP	19.80				
3	M/s Solex Energy Ltd	Plot No. 131/A Phase-1, G.I.D.C, Vitthal Udyognagar, Anand, Gujarat	R-72002577	21	i	Mono C-Si PERC Modules	SESM24375 (375 Wp)	SESM24370	19.04	72 (Full Cells)	1000	10.03.2023	09.03.2027
								SESM24375	19.30				
								SESM24380	19.55				
					ii	Mono C-Si PERC Modules	SES20CM120W320 (320 Wp)	SES20CM120W320	19.21	120 (Half Cells)	1000	10.03.2023	09.03.2027
					iii	Mono C-Si PERC Modules	SES24CM144W380 (380 Wp)	SES24CM144W375	19.01	144 (Half Cells)	1000	10.03.2023	09.03.2027
								SES24CM144W380	19.30				
								SES24CM144W385	19.51				
4	Saatvik Green Energy Pvt. Ltd.	Village Dubli, Tehshil- Barara, Dist-Ambala -133101, Haryana	R-91003670	1740	i	Mono C-Si PERC Modules	SGE 190-36M (190 Wp)	SGE 190-36M	19.11	36 (Full Cells)	1000	10.03.2023	09.03.2027
					ii	Mono C-Si PERC Modules	SGE 255-48M (255 Wp)	SGE 255-48M	19.37	48 (Full Cells)	1000	10.03.2023	09.03.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					iii	Mono C-Si PERC Modules	SGE 285-54M (285 Wp)	SGE 280-54M	19.15	54 (Full Cells)	1000	10.03.2023	09.03.2027
								SGE 285-54M	19.49				
					iv	Mono C-Si PERC Modules	SGE 315-60M (315 Wp)	SGE 310-60M	19.08	60 (Full Cells)	1500	10.03.2023	09.03.2027
								SGE 315-60M	19.41				
					v	Mono C-Si PERC Modules	SGE 375-72M (375 Wp)	SGE 370-72M	19.09	72 (Full Cells)	1500	10.03.2023	09.03.2027
								SGE 375-72M	19.35				
								SGE 380-72M	19.61				
					vi	Mono C-Si PERC Modules	SGE570-156MHC, (570 Wp)	SGE555-156MHC	19.78	156 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								SGE560-156MHC	19.96				
								SGE565-156MHC	20.14				
								SGE570-156MHC	20.32				
								SGE575-156MHC	20.50				
								SGE580-156MHC	20.67				
								SGE585-156MHC	20.85				
								SGE590-156MHC	21.03				
					vii	Mono C-Si PERC Modules	SGE530-144MHC, (530 Wp)	SGE520-144MHC	20.13	144 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								SGE525-144MHC	20.32				
								SGE530-144MHC	20.52				
								SGE535-144MHC	20.70				
								SGE540-144MHC	20.90				
								SGE545-144MHC	21.10				
								SGE550-144MHC	21.29				
					viii	Mono C-Si PERC Modules	SGE485-132MHC, (485 Wp)	SGE470-132MHC	19.78	132 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								SGE475-132MHC	20.01				
								SGE480-132MHC	20.23				
								SGE485-132MHC	20.41				
								SGE490-132MHC	20.63				
								SGE495-132MHC	20.84				
								SGE500-132MHC	21.05				
					ix	Mono C-Si PERC Modules	SGE440-120MHC, (440 Wp)	SGE420-120MHC	19.37	120 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								SGE425-120MHC	19.60				
								SGE430-120MHC	19.83				
								SGE435-120MHC	20.06				
								SGE440-120MHC	20.29				
								SGE445-120MHC	20.52				
								SGE450-120MHC	20.76				
								SGE455-120MHC	20.99				
					x	Mono C-Si PERC Modules	SGE395-108MHC, (395 Wp)	SGE380-108MHC	19.44	108 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								SGE385-108MHC	19.69				
								SGE390-108MHC	19.95				
								SGE395-108MHC	20.20				
								SGE400-108MHC	20.46				
								SGE405-108MHC	20.71				
								SGE410-108MHC	20.98				
					xi	Mono C-Si PERC Modules	SGE 395-72M, (395 Wp)	SGE 385-72M	19.22	72 (Full Cell)	1500	10.03.2023	09.03.2027
								SGE 390-72M	19.47				
								SGE 395-72M	19.72				
								SGE 400-72M	19.97				
					xii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	SGE535-144MBHC (535 Wp)	SGE525-144MBHC	20.32	144 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								SGE530-144MBHC	20.52				
								SGE535-144MBHC	20.71				
								SGE540-144MBHC	20.90				
								SGE545-144MBHC	21.10				
								SGE550-144MBHC	21.29				
					xiii	Bifacial N Type TOPCon Module	SGE425-108TGG (425 Wp)	SGE410-108TGG	20.97	108 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								SGE415-108TGG	21.22				
								SGE420-108TGG	21.48				
								SGE425-108TGG	21.74				
								SGE430-108TGG	21.99				
								SGE435-108TGG	22.25				
								SGE440-108TGG	22.51				
							SGE475-120TGG	SGE460-120TGG	21.21				
								SGE465-120TGG	21.46				
								SGE470-120TGG	21.68				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					xiv	Bifacial N Type TOPCon Module	SGE475-120TGG (475 Wp)	SGE475-120TGG	21.91	120 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								SGE480-120TGG	22.14				
								SGE485-120TGG	22.37				
								SGE490-120TGG	22.60				
					xv	Bifacial N Type TOPCon Module	SGE520-132TGG (520 Wp)	SGE510-132TGG	21.46	132 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								SGE515-132TGG	21.67				
								SGE520-132TGG	21.88				
								SGE525-132TGG	22.09				
								SGE530-132TGG	22.30				
								SGE535-132TGG	22.51				
					xvi	Bifacial N Type TOPCon Module	SGE575-144TGG (575 Wp)	SGE560-144TGG	21.68	144 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								SGE565-144TGG	21.87				
								SGE570-144TGG	22.06				
								SGE575-144TGG	22.26				
								SGE580-144TGG	22.45				
								SGE585-144TGG	22.64				
								SGE590-144TGG	22.84				
					xvii	Bifacial N Type TOPCon Module	SGE615-156TGG (615 Wp)	SGE600-156TGG	21.47	156 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								SGE605-156TGG	21.65				
								SGE610-156TGG	21.83				
								SGE615-156TGG	22.01				
								SGE620-156TGG	22.19				
								SGE625-156TGG	22.37				
					xviii	Mono c-Si PERC Module	SGE500-144 MHC (500 Wp)	SGE500-144 MHC	19.35	144 (Half Cut Cells)	1500	10.03.2023	09.03.2027
					xix	Mono c-Si PERC Modules	SGE555-144MHC (555 Wp)	SGE555-144MHC	21.48	144 (Half Cut Cells)	1500	10.03.2023	09.03.2027
5	Navitas Green Solutions Pvt. Ltd.	Plot No. B-20/3, Road No. 13, 14, Palsana-Baleshwar Rd, Hoziwala Industrial Estate, Sachin, Surat-394230, Gujarat	R-72003140	250	i	Mono C-Si PERC Modules	NSM375 (375 Wp)	NSM370	19.07	72 (Full Cells)	1500	10.03.2023	09.03.2027
								NSM375	19.33				
								NSM380	19.58				
					ii	Mono C-Si PERC Modules	NSM320-60 (320 Wp)	NSM310-60	19.09	60 (Full Cells)	1500	10.03.2023	09.03.2027
								NSM315-60	19.40				
								NSM320-60	19.71				
								NSM325-60	20.02				
								NSM330-60	20.33				
					iii	Mono C-Si PERC Modules	NSM350-66 (350 Wp)	NSM340-66	19.03	66 (Full Cells)	1500	10.03.2023	09.03.2027
								NSM345-66	19.31				
								NSM350-66	19.59				
								NSM355-66	19.87				
					iv	Mono PERC C-Si Module	NSM580-156 (580 Wp)	NSM570-156	20.39	156 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								NSM575-156	20.57				
								NSM580-156	20.74				
								NSM585-156	20.92				
					v	Mono PERC C-Si Module	NSM540-144 (540 Wp)	NSM525-144	20.32	144 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								NSM530-144	20.51				
								NSM535-144	20.71				
								NSM540-144	20.90				
								NSM545-144	21.09				
								NSM550-144	21.29				
								NSM555-144	21.48				
								NSM560-144	21.67				
					vi	Mono PERC C-Si Module	NSM500-132 (500 Wp)	NSM480-132	20.21	132 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								NSM485-132	20.42				
								NSM490-132	20.64				
								NSM495-132	20.85				
								NSM500-132	21.06				
					vii	Mono PERC C-Si Module	NSM445-120 (445 Wp)	NSM435-120	20.09	120 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								NSM440-120	20.33				
								NSM445-120	20.56				
								NSM450-120	20.79				
								NSM455-120	21.02				
					viii	Mono PERC C-Si Module	NSM400-108 (400 Wp)	NSM390-108	19.96	108 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								NSM395-108	20.21				
								NSM400-108	20.47				
								NSM405-108	20.72				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								NSM410-108	20.98				
					ix	Mono PERC C-Si Module	NSM360-96 (360 Wp)	NSM350-96	20.06	96 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								NSM355-96	20.35				
								NSM360-96	20.64				
								NSM365-96	20.92				
					x	Mono PERC C-Si Module	NSM270-72 (270 Wp)	NSM260-72	19.62	72 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								NSM265-72	20.00				
								NSM270-72	20.38				
								NSM275-72	20.76				
					xi	Mono PERC C-Si Module	NSM470-156 (470 Wp)	NSM460-156	19.65	156 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								NSM465-156	19.86				
								NSM470-156	20.07				
								NSM475-156	20.29				
								NSM480-156	20.50				
								NSM485-156	20.72				
					xii	Mono PERC C-Si Module	NSM450-144 (450 Wp)	NSM435-144	20.08	144 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								NSM440-144	20.32				
								NSM445-144	20.78				
								NSM450-144	20.55				
								NSM455-144	21.01				
								NSM460-144	21.64				
								NSM465-144	21.47				
					xiii	Mono PERC C-Si Module	NSM405-132 (405 Wp)	NSM395-132	19.85	132 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								NSM400-132	20.10				
								NSM405-132	20.35				
								NSM410-132	20.60				
								NSM415-132	20.85				
					xiv	Mono PERC C-Si Module	NSM370-120 (370 Wp)	NSM360-120	19.84	120 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								NSM365-120	20.11				
								NSM370-120	20.39				
								NSM375-120	20.66				
					xv	Mono PERC C-Si Module	NSM330-108 (330 Wp)	NSM320-108	19.52	108 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								NSM325-108	19.82				
								NSM330-108	20.13				
								NSM335-108	20.43				
								NSM340-108	20.74				
					xvi	Mono PERC C-Si Module	NSM290-96 (290 Wp)	NSM285-96	19.47	96 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								NSM290-96	19.81				
								NSM295-96	20.15				
								NSM300-96	20.49				
					xvii	Mono PERC C-Si Module	NSM220-72 (220 Wp)	NSM215-72	19.32	72 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								NSM220-72	19.77				
								NSM225-72	20.22				
					xviii	Mono PERC C-Si Module	NSM395 (395 Wp)	NSM385	19.40	72 (Full Cells)	1500	10.03.2023	09.03.2027
								NSM390	19.65				
								NSM395	19.90				
								NSM400	20.15				
					xix	Mono PERC C-Si Module	NSM-WBPR64 - MI0-160(160Wp)	NSM-WBPR64 - MI0-160	19.82	64 (Half Cut Cells)	1000	10.03.2023	09.03.2027
					xx	Mono PERC C-Si Module	NSM-WBPR60 - MI0-2254(225Wp)	NSM-WBPR60 - MI0-225	20.28	60 (Half Cut Cells)	1000		
					xxi	Mono PERC C-Si Module	NSM-WBPR56 - MI0-210(210Wp)	NSM-WBPR56 - MI0-210	20.26	56(Half Cut Cells)	1000		
					xxii	Mono PERC C-Si Module	NSM-WBPR52 - MI0-200(200Wp)	NSM-WBPR52 - MI0-200	20.72	52 (Half Cut Cells)	1000		
					xxiii	Mono PERC C-Si Module	NSM-WBPR48 - MI0-180(180Wp)	NSM-WBPR48 - MI0-180	20.13	48 (Half Cut Cells)	1000		
					xxiv	Mono PERC C-Si Module	NSM-WBPR44 - MI0-110(110Wp)	NSM-WBPR44 - MI0-110	19.38	44 (Half Cut Cells)	1000		
					xxv	Mono PERC C-Si Module	NSM-WBPR44 - MI0-165(165Wp)	NSM-WBPR44 - MI0-160	20.05	44 (Half Cut Cells)	1000		
					xxvi	Mono PERC C-Si Module	NSM-WBPR40 - MI0-150(150Wp)	NSM-WBPR40 - MI0-150	19.95	40 (Half Cut Cells)	1000		
					xxvii	Mono PERC C-Si Module	NSM-WBPR36 - MI0-90(90Wp)	NSM-WBPR36 - MI0-90	19.07	36 (Half Cut Cells)	1000		
					xxviii	Mono PERC C-Si Module	NSM-WBPR36 - MI0-135(135Wp)	NSM-WBPR36 - MI0-135	19.83	36 (Half Cut Cells)	1000		
					xxix	Mono PERC C-Si Module	NSM-WBPR32 - MI0-120(120Wp)	NSM-WBPR32 - MI0-120	19.68	32 (Half Cut Cells)	1000		
6	**Jakson Engineers Ltd.**	**Plot No-25, Ecotech-III, Udyog Kendra, Greater NOIDA-201306, Gautam Budha Nagar, Uttar Pradesh, India.**	**R-93005959**	**1162**	i	Mono C-Si PERC Modules	JH-440M, (440Wp)	JH-420M	19.26	120 (Half-Cut Cells)	1500	17.08.2023	16.08.2027
								JH-425M	19.49				
								JH-430M	19.71				
								JH-435M	19.94				
								JH-440M	20.17				
								JH-445M	20.40				
								JH-450M	20.63				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								JH-455M	20.86				
								JH-460M	21.09				
					ii	Mono C-Si PERC Modules	JH-490M, (490Wp)	JH-470M	19.66	132 (Half-Cut Cells)	1500	17.08.2023	16.08.2027
								JH-475M	19.87				
								JH-480M	20.08				
								JH-485M	20.29				
								JH-490M	20.50				
								JH-495M	20.71				
								JH-500M	20.92				
								JH-505M	21.13				
								JH-510M	21.34				
					iii	Mono C-Si PERC Modules	JH-535M, (535Wp)	JH-515M	19.85	144 (Half-Cut Cells)	1500	17.08.2023	16.08.2027
								JH-520M	20.04				
								JH-525M	20.23				
								JH-530M	20.43				
								JH-535M	20.62				
								JH-540M	20.81				
								JH-545M	21.00				
								JH-550M	21.20				
								JH-555M	21.39				
					iv	Mono C-Si PERC Modules	JH-580M, (580Wp)	JH-580M	20.67	156 (Half-Cut Cells)	1500	17.08.2023	16.08.2027
								JH-585M	20.85				
								JH-590M	21.03				
								JH-595M	21.21				
								JH-600M	21.38				
					v	Mono C-Si PERC Modules	JP-H395M, (385Wp-405Wp)	JP-H385M	19.37	72 (Full Cells)	1500	17.08.2023	16.08.2027
								JP-H390M	19.62				
								JP-H395M	19.87				
								JP-H400M	20.12				
								JP-H405M	20.37				
					vi	Mono C-Si PERC Modules	JH-400M, (400Wp)	JH-380M	19.28	108 (Half-Cut Cells)	1500	17.08.2023	16.08.2027
								JH-385M	19.53				
								JH-390M	19.79				
								JH-395M	20.04				
								JH-400M	20.29				
								JH-405M	20.55				
								JH-410M	20.88				
								JH-415M	21.06				
					vii	Mono c-Si Bifacial PERC Module	JH-400BB	JH-380BB	19.48	108 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JH-385BB	19.73				
								JH-390BB	19.99				
								JH-395BB	20.25				
								JH-400BB	20.50				
								JH-405BB	20.76				
								JH-410BB	21.01				
								JH-415BB	21.27				
					viii	Mono c-Si Bifacial PERC Module	JH-440BB	JH-420BB	19.39	120 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JH-425BB	19.62				
								JH-430BB	19.85				
								JH-435BB	20.08				
								JH-440BB	20.31				
								JH-445BB	20.54				
								JH-450BB	20.77				
								JH-455BB	21.00				
								JH-460BB	21.23				
					ix	Mono c-Si Bifacial PERC Module	JH-490BB	JH-475BB	20.02	132 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JH-480BB	20.23				
								JH-485BB	20.44				
								JH-490BB	20.65				
								JH-495BB	20.86				
								JH-500BB	21.07				
								JH-505BB	21.29				
								JH-510BB	21.50				
								JH-515BB	21.71				
								JH-520BB	20.15				
								JH-525BB	20.34				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					x	Mono c-Si Bifacial PERC Module	JH-535BB	JH-530BB	20.53	144 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JH-535BB	20.73				
								JH-540BB	20.92				
								JH-545BB	21.11				
								JH-550BB	21.31				
								JH-555BB	21.50				
					xi	Mono c-Si Bifacial PERC Module	JH-400BT	JH-380BT	19.48	108 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JH-385BT	19.73				
								JH-390BT	19.99				
								JH-395BT	20.25				
								JH-400BT	20.50				
								JH-405BT	20.76				
								JH-410BT	21.01				
								JH-415BT	21.27				
					xii	Mono c-Si Bifacial PERC Module	JH-440BT	JH-420BT	19.39	120 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JH-425BT	19.62				
								JH-430BT	19.85				
								JH-435BT	20.08				
								JH-440BT	20.31				
								JH-445BT	20.54				
								JH-450BT	20.77				
								JH-455BT	21.00				
								JH-460BT	21.23				
					xiii	Mono c-Si Bifacial PERC Module	JH-490BT	JH-475BT	20.02	132 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JH-480BT	20.23				
								JH-485BT	20.44				
								JH-490BT	20.65				
								JH-495BT	20.86				
								JH-500BT	21.07				
								JH-505BT	21.29				
								JH-510BT	21.50				
								JH-515BT	21.71				
					xiv	Mono c-Si Bifacial PERC Module	JH-535BT	JH-520BT	20.15	144 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JH-525BT	20.34				
								JH-530BT	20.53				
								JH-535BT	20.73				
								JH-540BT	20.92				
								JH-545BT	21.11				
								JH-550BT	21.31				
								JH-555BT	21.50				
					xv	Mono c-Si Bifacial PERC Module	JH-400BW	JH-380BW	19.48	108 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JH-385BW	19.73				
								JH-390BW	19.99				
								JH-395BW	20.25				
								JH-400BW	20.50				
								JH-405BW	20.76				
								JH-410BW	21.01				
								JH-415BW	21.27				
					xvi	Mono c-Si Bifacial PERC Module	JH-440BW	JH-420BW	19.39	120 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JH-425BW	19.62				
								JH-430BW	19.85				
								JH-435BW	20.08				
								JH-440BW	20.31				
								JH-445BW	20.54				
								JH-450BW	20.77				
								JH-455BW	21.00				
								JH-460BW	21.23				
					xvii	Mono c-Si Bifacial PERC Module	JH-490BW	JH-475BW	20.02	132 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JH-480BW	20.23				
								JH-485BW	20.44				
								JH-490BW	20.65				
								JH-495BW	20.86				
								JH-500BW	21.07				
								JH-505BW	21.29				
								JH-510BW	21.50				
								JH-515BW	21.71				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					xviii	Mono c-Si Bifacial PERC Module	JH-535BW	JH-520BW	20.15	144 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JH-525BW	20.34				
								JH-530BW	20.53				
								JH-535BW	20.73				
								JH-540BW	20.92				
								JH-545BW	21.11				
								JH-550BW	21.31				
								JH-555BW	21.50				
					xix	N-Type TOPCon Module (Glass to Transparent Backsheet)	JN-420BT (420 Wp)	JN-400BT	20.50	108 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JN-405BT	20.76				
								JN-410BT	21.01				
								JN-415BT	21.27				
								JN-420BT	21.53				
								JN-425BT	21.78				
								JN-430BT	22.04				
								JN-435BT	22.29				
								JN-440BT	22.55				
					xx	N-Type TOPCon Module (Glass to Transparent Backsheet)	JN-470BT (470 Wp)	JN-445BT	20.54	120 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JN-450BT	20.77				
								JN-455BT	21.00				
								JN-460BT	21.23				
								JN-465BT	21.46				
								JN-470BT	21.70				
								JN-475BT	21.93				
								JN-480BT	22.16				
								JN-485BT	22.39				
								JN-490BT	22.62				
					xxi	N-Type TOPCon Module (Glass to Transparent Backsheet)	JN-520BT (520 Wp)	JN-495BT	20.86	132 (Half Cut cells)	1500	17.08.2023	16.08.2027
								JN-500BT	21.07				
								JN-505BT	21.28				
								JN-510BT	21.50				
								JN-515BT	21.71				
								JN-520BT	21.92				
								JN-525BT	22.13				
								JN-530BT	22.34				
								JN-535BT	22.55				
								JN-540BT	22.76				
					xxii	N-Type TOPCon Module (Glass to Transparent Backsheet)	JN-570BT (570 Wp)	JN-545BT	21.12	144 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JN-550BT	21.31				
								JN-555BT	21.50				
								JN-560BT	21.70				
								JN-565BT	21.89				
								JN-570BT	22.08				
								JN-575BT	22.28				
								JN-580BT	22.47				
								JN-585BT	22.66				
								JN-590BT	22.86				
					xxiii	N-Type TOPCon Module (Glass to Glass)	JN-420G (420 Wp)	JN-400G	20.50	108 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JN-405G	20.76				
								JN-410G	21.01				
								JN-415G	21.27				
								JN-420G	21.53				
								JN-425G	21.78				
								JN-430G	22.04				
								JN-435G	22.29				
					xxiv	N-Type TOPCon Module (Glass to Glass)	JN-470G (470 Wp)	JN-445G	20.54	120 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JN-450G	20.77				
								JN-455G	21.00				
								JN-460G	21.23				
								JN-465G	21.46				
								JN-470G	21.70				
								JN-475G	21.93				
								JN-480G	22.16				
								JN-485G	22.39				
								JN-495G	20.86				
								JN-500G	21.07				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					xxv	N-Type TOPCon Module (Glass to Glass)	JN-520G (520 Wp)	JN-505G	21.28	132 (Half Cut cells)	1500	17.08.2023	16.08.2027
								JN-510G	21.50				
								JN-515G	21.71				
								JN-520G	21.92				
								JN-525G	22.13				
								JN-530G	22.34				
					xxvi	N-Type TOPCon Module (Glass to Glass)	JN-570G (570 Wp)	JN-545G	21.12	144 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JN-550G	21.31				
								JN-555G	21.50				
								JN-560G	21.70				
								JN-565G	21.89				
								JN-570G	22.08				
								JN-575G	22.28				
								JN-580G	22.47				
7	Insolation Energy Pvt. Ltd	Khasra No 766/2, Vill-Bagwara, Teh-Amer Jaipur, Rajasthan	R-84002330	174	i	Mono c-Si PERC Module	INA72MP375	INA72MP375	19.23	72 (Full Cells)	1500	29.09.2023	28.09.2027
					ii	Mono c-Si PERC Module	INA72MP385	INA72MP395	19.80	72 (Full Cells)	1500	29.09.2023	28.09.2027
								INA72MP390	19.55				
								INA72MP385	19.30				
								INA72MP380	19.05				
8	Gautam Solar Pvt. Ltd.	Plot No-67-70, Sector-8A IIE, Sidcul Haridwar- 249403, Uttarakhand	R-83006041	710	i	Mono c-Si PERC Modules	G2XBifacial1767-HAE (590 Wp) (565Wp-595Wp)	G2XBifacial1734-HAE	20.20	156 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2XBifacial1741-HAE	20.38				
								G2XBifacial1747-HAE	20.56				
								G2XBifacial1754-HAE	20.74				
								G2XBifacial1760-HAE	20.92				
								G2XBifacial1767-HAE	21.10				
								G2XBifacial1773-HAE	21.28				
					ii	Mono c-Si PERC Modules	G2XBifacial1695-HAD (535 Wp) (510Wp-550Wp)	G2XBifacial1663-HAD	19.74	144 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2XBifacial1669-HAD	19.94				
								G2XBifacial1676-HAD	20.13				
								G2XBifacial1682-HAD	20.32				
								G2XBifacial1689-HAD	20.52				
								G2XBifacial1695-HAD	20.71				
								G2XBifacial1702-HAD	20.90				
								G2XBifacial1708-HAD	21.10				
								G2XBifacial1715-HAD	21.29				
					iii	Mono c-Si PERC Modules	G2XBifacial1643-HAB (495 Wp) (485Wp-505Wp)	G2XBifacial1656-HAB	21.13	132 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2XBifacial1650-HAB	20.92				
								G2XBifacial1643-HAB	20.71				
								G2XBifacial1637-HAB	20.50				
								G2XBifacial1630-HAB	20.29				
					iv	Mono c-Si PERC Modules	G2XBifacial1585-HAA (450 Wp) (440Wp-460Wp)	G2XBifacial1598-HAA	21.09	120 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2XBifacial1591-HAA	20.87				
								G2XBifacial1585-HAA	20.64				
								G2XBifacial1578-HAA	20.41				
								G2XBifacial1572-HAA	20.18				
					v	Mono c-Si PERC Modules	G2XBifacial1526-HAY (405 Wp) (390Wp-415Wp)	G2XBifacial1539-HAY	21.06	108 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2XBifacial1533-HAY	20.80				
								G2XBifacial1526-HAY	20.55				
								G2XBifacial1520-HAY	20.30				
								G2XBifacial1507-HAY	19.79				
					vi	Mono c-Si PERC Modules	G2XBifacial1468-HAX (360 Wp) (365Wp-350Wp)	G2XBifacial1474-HAX	20.71	96 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2XBifacial1468-HAX	20.43				
								G2XBifacial1461-HAX	20.14				
								G2XBifacial1455-HAX	19.86				
					vii	Mono c-Si PERC Modules	G2X590-HAE (590 Wp)	G2X565-HAE	20.20	156 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2X570-HAE	20.38				
								G2X575-HAE	20.56				
								G2X580-HAE	20.74				
								G2X585-HAE	20.92				
								G2X590-HAE	21.10				
								G2X595-HAE	21.28				
								G2X510-HAD	19.74				
								G2X515-HAD	19.94				
								G2X520-HAD	20.13				

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												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					viii	Mono c-Si PERC Modules	G2X530-HAD (530 Wp)	G2X525-HAD	20.32	144 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2X530-HAD	20.52				
								G2X535-HAD	20.71				
								G2X540-HAD	20.90				
								G2X545-HAD	21.10				
								G2X550-HAD	21.29				
					ix	Mono c-Si PERC Modules	G2X495-HAB (495 Wp)	G2X505-HAB	21.13	132 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2X500-HAB	20.92				
								G2X495-HAB	20.71				
								G2X490-HAB	20.50				
								G2X485-HAB	20.29				
					x	Mono c-Si PERC Modules	G2X450-HAA (450 Wp)	G2X460-HAA	21.09	120 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2X455-HAA	20.87				
								G2X450-HAA	20.64				
								G2X445-HAA	20.41				
								G2X440-HAA	20.18				
					xi	Mono c-Si PERC Modules	G2X405-HAY (405 Wp)	G2X415-HAY	21.06	108 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2X410-HAY	20.80				
								G2X405-HAY	20.55				
								G2X400-HAY	20.30				
								G2X390-HAY	19.79				
					xii	Mono c-Si PERC Modules	G2X360-HAX (360 Wp)	G2X365-HAX	20.71	96 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2X360-HAX	20.43				
								G2X355-HAX	20.14				
								G2X350-HAX	19.86				
					xiii	Mono c-Si PERC Modules	GS-420-AAA (420 Wp)	GS-410-AAA	19.03	78 (Full Cells)	1500	29.09.2023	28.09.2027
								GS-415-AAA	19.26				
								GS-420-AAA	19.49				
								GS-425-AAA	19.72				
								GS-430-AAA	19.95				
					xiv	Mono c-Si PERC Modules	GS-400-AAB (400 Wp)	GS-380-AAB	19.13	72 (Full Cells)	1500	29.09.2023	28.09.2027
								GS-385-AAB	19.39				
								GS-390-AAB	19.64				
								GS-395-AAB	19.89				
								GS-400-AAB	20.14				
								GS-405-AAB	20.39				
								GS-410-AAB	20.64				
								GS-415-AAB	20.90				
								GS-420-AAB	21.15				
					xv	Mono c-Si PERC Modules	GS-360-AAC (360 Wp)	GS-350-AAC	19.13	66 (Full Cells)	1500	29.09.2023	28.09.2027
								GS-355-AAC	19.40				
								GS-360-AAC	19.67				
								GS-365-AAC	19.95				
					xvi	Mono c-Si PERC Modules	GS-330-AAD (330 Wp)	GS-320-AAD	19.16	60 (Full Cells)	1500	29.09.2023	28.09.2027
								GS-325-AAD	19.46				
								GS-330-AAD	19.76				
								GS-335-AAD	20.06				
					xvii	Mono c-Si PERC Modules	GS-295-AAE (295 Wp)	GS-290-AAE	19.21	54 (Full Cells)	1500	29.09.2023	28.09.2027
								GS-295-AAE	19.54				
								GS-300-AAE	19.87				
					xviii	Mono c-Si PERC Modules	GS-260-AAF (260 Wp)	GS-260-AAF	19.26	48 (Full Cells)	1500	29.09.2023	28.09.2027
								GS-265-AAF	19.63				
					xix	Mono c-Si PERC Modules	GS-230-AAG (230 Wp)	GS-230-AAG	19.33	42 (Full Cells)	1500	29.09.2023	28.09.2027
					xx	Mono c-Si PERC Modules	GS-200-AAH (200 Wp)	GS-195-AAH	19.26	36 (Full Cells)	1500	29.09.2023	28.09.2027
								GS-200-AAH	19.75				
								GS-205-AAH	20.25				
								GS-210-AAH	20.74				
								G2X590-HAD	22.82				
								G2X1767-UHAD	22.78				
								G2X588-HAD	22.74				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					xxi	N-Type TOPCon Module	G2X575-HAD (575Wp) (551Wp-590Wp)	G2X587-HAD	22.70	144 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2X1758T-UHAD	22.66				
								G2X585-HAD	22.63				
								G2X1752-UHAD	22.59				
								G2X583-HAD	22.55				
								G2X582-HAD	22.51				
								G2X1743T-UHAD	22.47				
								G2X580-HAD	22.43				
								G2X1737-UHAD	22.39				
								G2X578-HAD	22.36				
								G2X577-HAD	22.32				
								G2X1728T-UHAD	22.28				
								G2X575-HAD	22.24				
								G2X1722-UHAD	22.20				
								G2X573-HAD	22.16				
								G2X572-HAD	22.12				
								G2X1713T-UHAD	22.08				
								G2X570-HAD	22.05				
								G2X1707-UHAD	22.01				
								G2X568-HAD	21.97				
								G2X567-HAD	21.93				
								G2X1698T-UHAD	21.89				
								G2X565-HAD	21.85				
								G2X1692-UHAD	21.81				
								G2X563-HAD	21.78				
								G2X562-HAD	21.74				
								G2X1683T-UHAD	21.70				
								G2X560-HAD	21.66				
								G2X1677-UHAD	21.62				
								G2X558-HAD	21.58				
								G2X557-HAD	21.54				
								G2X1668T-UHAD	21.50				
								G2X555-HAD	21.47				
								G2X1662-UHAD	21.43				
								G2X553-HAD	21.39				
								G2X552-HAD	21.35				
								G2X1653T-UHAD	21.31				
					xxii	N-Type TOPCon Module	G2X480-HAA (480 Wp) (461Wp-495Wp)	G2X495-HAA	22.70	120 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2X1482-UHAA	22.65				
								G2X493-HAA	22.61				
								G2X492-HAA	22.56				
								G2X1473T-UHAA	22.52				
								G2X490-HAA	22.47				
								G2X1467-UHAA	22.42				
								G2X488-HAA	22.38				
								G2X487-HAA	22.33				
								G2X1458T-UHAA	22.29				
								G2X485-HAA	22.24				
								G2X1452-UHAA	22.19				
								G2X483-HAA	22.15				
								G2X482-HAA	22.10				
								G2X1443T-UHAA	22.06				
								G2X480-HAA	22.01				
								G2X1437-UHAA	21.97				
								G2X478-HAA	21.92				
								G2X477-HAA	21.87				
								G2X1428T-UHAA	21.83				
								G2X475-HAA	21.78				
								G2X1422-UHAA	21.74				
								G2X473-HAA	21.69				
								G2X472-HAA	21.64				
								G2X1413T-UHAA	21.60				
								G2X470-HAA	21.55				
								G2X1407-UHAA	21.51				
								G2X468-HAA	21.46				
								G2X467-HAA	21.42				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								G2X1398T-UHAA	21.37				
								G2X465-HAA	21.32				
								G2X1392-UHAA	21.28				
								G2X463-HAA	21.23				
								G2X462-HAA	21.19				
								G2X1383T-UHAA	21.14				
					xxiii	N-Type TOPCon Module	G2X430-HAY (430 Wp) (416Wp-450Wp)	G2X450-HAY	22.83	108 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2X1347-UHAY	22.78				
								G2X448-HAY	22.73				
								G2X447-HAY	22.68				
								G2X1338T-UHAY	22.63				
								G2X445-HAY	22.58				
								G2X1332-UHAY	22.53				
								G2X443-HAY	22.48				
								G2X442-HAY	22.43				
								G2X1323T-UHAY	22.38				
								G2X440-HAY	22.32				
								G2X1317-UHAY	22.27				
								G2X438-HAY	22.22				
								G2X437-HAY	22.17				
								G2X1308T-UHAY	22.12				
								G2X435-HAY	22.07				
								G2X1302-UHAY	22.02				
								G2X433-HAY	21.97				
								G2X432-HAY	21.92				
								G2X1293T-UHAY	21.87				
								G2X430-HAY	21.82				
								G2X1287-UHAY	21.77				
								G2X428-HAY	21.72				
								G2X427-HAY	21.67				
								G2X1278T-UHAY	21.61				
								G2X425-HAY	21.56				
								G2X1272-UHAY	21.51				
								G2X423-HAY	21.46				
								G2X422-HAY	21.41				
								G2X1263T-UHAY	21.36				
								G2X420-HAY	21.31				
								G2X1257-UHAY	21.26				
								G2X418-HAY	21.21				
								G2X417-HAY	21.16				
								G2X1248T-UHAY	21.11				
					xxiv	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1740-HAD (580WP) (567Wp - 590Wp)	G2G1770-HAD	22.82	144 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2G1767-UHAD	22.78				
								G2G1764N-UHAD	22.74				
								G2G1761B-UHAD	22.70				
								G2G1758NB-UHAD	22.66				
								G2G1755-HAD	22.63				
								G2G1752-UHAD	22.59				
								G2G1749N-UHAD	22.55				
								G2G1746B-UHAD	22.51				
								G2G1743NB-UHAD	22.47				
								G2G1740-HAD	22.43				
								G2G1737-UHAD	22.39				
								G2G1734N-UHAD	22.36				
								G2G1731B-UHAD	22.32				
								G2G1728NB-UHAD	22.28				
								G2G1725-HAD	22.24				
								G2G1722-UHAD	22.20				
								G2G1719N-UHAD	22.16				
								G2G1716B-UHAD	22.12				
								G2G1713NB-UHAD	22.08				
								G2G1710-HAD	22.05				
								G2G1707-UHAD	22.01				
								G2G1704N-UHAD	21.97				
								G2G1701B-UHAD	21.93				
								G2G1635-HAB	22.80				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					xxv	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1560-HAB (520Wp) (496Wp - 545Wp)	G2G1632-UHAB	22.76	132 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2G1629N-UHAB	22.72				
								G2G1626B-UHAB	22.67				
								G2G1623NB-UHAB	22.63				
								G2G1620-HAB	22.59				
								G2G1617-UHAB	22.55				
								G2G1614N-UHAB	22.51				
								G2G1611B-UHAB	22.46				
								G2G1608NB-UHAB	22.42				
								G2G1605-HAB	22.38				
								G2G1602-UHAB	22.34				
								G2G1599N-UHAB	22.30				
								G2G1596B-UHAB	22.26				
								G2G1593NB-UHAB	22.21				
								G2G1590-HAB	22.17				
								G2G1587-UHAB	22.13				
								G2G1584N-UHAB	22.09				
								G2G1581B-UHAB	22.05				
								G2G1578NB-UHAB	22.00				
								G2G1575-HAB	21.96				
								G2G1572-UHAB	21.92				
								G2G1569N-UHAB	21.88				
								G2G1566B-UHAB	21.84				
								G2G1563NB-UHAB	21.79				
								G2G1560-HAB	21.75				
								G2G1557-UHAB	21.71				
								G2G1554N-UHAB	21.67				
								G2G1551B-UHAB	21.63				
								G2G1548NB-UHAB	21.59				
								G2G1545-HAB	21.54				
								G2G1542-UHAB	21.50				
								G2G1539N-UHAB	21.46				
								G2G1536B-UHAB	21.42				
								G2G1533NB-UHAB	21.38				
								G2G1530-HAB	21.33				
								G2G1527-UHAB	21.29				
								G2G1524N-UHAB	21.25				
								G2G1521B-UHAB	21.21				
								G2G1518NB-UHAB	21.17				
								G2G1515-HAB	21.13				
								G2G1512-UHAB	21.08				
								G2G1509N-UHAB	21.04				
								G2G1506B-UHAB	21.00				
								G2G1503NB-UHAB	20.96				
								G2G1500-HAB	20.92				
								G2G1497-UHAB	20.87				
								G2G1494N-UHAB	20.83				
								G2G1491B-UHAB	20.79				
								G2G1488NB-UHAB	20.75				
					xxvi	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1470-HAB (490Wp) (470Wp - 495Wp)	G2G1485-HAB	20.71	132 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2G1482-UHAB	20.67				
								G2G1479N-UHAB	20.62				
								G2G1476B-UHAB	20.58				
								G2G1473NB-UHAB	20.54				
								G2G1470-HAB	20.50				
								G2G1467-UHAB	20.46				
								G2G1464N-UHAB	20.41				
								G2G1461B-UHAB	20.37				
								G2G1458NB-UHAB	20.33				
								G2G1455-HAB	20.29				
								G2G1452-UHAB	20.25				
								G2G1449N-UHAB	20.21				
								G2G1446B-UHAB	20.16				
								G2G1443NB-UHAB	20.12				
								G2G1440-HAB	20.08				
								G2G1425-HAB	19.87				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								G2G1410-HAB	19.66				
					xxvii	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1422-UHAA (474Wp) (451Wp - 495Wp)	G2G1485-HAA	22.70	120 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2G1482-UHAA	22.65				
								G2G1479N-UHAA	22.61				
								G2G1476B-UHAA	22.56				
								G2G1473NB-UHAA	22.52				
								G2G1470-HAA	22.47				
								G2G1467-UHAA	22.42				
								G2G1464N-UHAA	22.38				
								G2G1461B-UHAA	22.33				
								G2G1458NB-UHAA	22.29				
								G2G1455-HAA	22.24				
								G2G1452-UHAA	22.19				
								G2G1449N-UHAA	22.15				
								G2G1446B-UHAA	22.10				
								G2G1443NB-UHAA	22.06				
								G2G1440-HAA	22.01				
								G2G1437-UHAA	21.97				
								G2G1434N-UHAA	21.92				
								G2G1431B-UHAA	21.87				
								G2G1428NB-UHAA	21.83				
								G2G1425-HAA	21.78				
								G2G1422-UHAA	21.74				
								G2G1419N-UHAA	21.69				
								G2G1416B-UHAA	21.64				
								G2G1413NB-UHAA	21.60				
								G2G1410-HAA	21.55				
								G2G1407-UHAA	21.51				
								G2G1404N-UHAA	21.46				
								G2G1401B-UHAA	21.42				
								G2G1398NB-UHAA	21.37				
								G2G1395-HAA	21.32				
								G2G1392-UHAA	21.28				
								G2G1389N-UHAA	21.23				
								G2G1386B-UHAA	21.19				
								G2G1383NB-UHAA	21.14				
								G2G1380-HAA	21.09				
								G2G1377-UHAA	21.05				
								G2G1374N-UHAA	21.00				
								G2G1371B-UHAA	20.96				
								G2G1368NB-UHAA	20.91				
								G2G1365-HAA	20.87				
								G2G1362-UHAA	20.82				
								G2G1359N-UHAA	20.77				
								G2G1356B-UHAA	20.73				
								G2G1353NB-UHAA	20.68				
					xxviii	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1335-HAA (445Wp) (440Wp - 450Wp)	G2G1350-HAA	20.64	120 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2G1347-UHAA	20.59				
								G2G1344N-UHAA	20.54				
								G2G1341B-UHAA	20.50				
								G2G1338NB-UHAA	20.45				
								G2G1335-HAA	20.41				
								G2G1332-UHAA	20.36				
								G2G1329N-UHAA	20.31				
								G2G1326B-UHAA	20.27				
								G2G1323NB-UHAA	20.22				
								G2G1320-HAA	20.18				
								G2G1350-HAY	22.83				
								G2G1347-UHAY	22.78				
								G2G1344N-UHAY	22.73				
								G2G1341B-UHAY	22.68				
								G2G1338NB-UHAY	22.63				
								G2G1335-HAY	22.58				
								G2G1332-UHAY	22.53				
								G2G1329N-UHAY	22.48				
								G2G1326B-UHAY	22.43				

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												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					xxix	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1290-HAY (430Wp) (410Wp -450Wp)	G2G1323NB-UHAY	22.38	108 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2G1320-HAY	22.32				
								G2G1317-UHAY	22.27				
								G2G1314N-UHAY	22.22				
								G2G1311B-UHAY	22.17				
								G2G1308NB-UHAY	22.12				
								G2G1305-HAY	22.07				
								G2G1302-UHAY	22.02				
								G2G1299N-UHAY	21.97				
								G2G1296B-UHAY	21.92				
								G2G1293NB-UHAY	21.87				
								G2G1290-HAY	21.82				
								G2G1287-UHAY	21.77				
								G2G1284N-UHAY	21.72				
								G2G1281B-UHAY	21.67				
								G2G1278NB-UHAY	21.61				
								G2G1275-HAY	21.56				
								G2G1272-UHAY	21.51				
								G2G1269N-UHAY	21.46				
								G2G1266B-UHAY	21.41				
								G2G1263NB-UHAY	21.36				
								G2G1260-HAY	21.31				
								G2G1257-UHAY	21.26				
								G2G1254N-UHAY	21.21				
								G2G1251B-UHAY	21.16				
								G2G1248NB-UHAY	21.11				
								G2G1245-HAY	21.06				
								G2G1230-HAY	20.80				
					xxx	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1185-HAY (395Wp) (390Wp - 405Wp)	G2G1215-HAY	20.55	108 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2G1200-HAY	20.30				
								G2G1185-HAY	20.04				
								G2G1170-HAY	19.79				
					xxxi	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1155-HAX (385Wp) (371Wp - 400Wp)	G2G1200-HAX	22.70	96 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2G1197-UHAX	22.64				
								G2G1194N-UHAX	22.58				
								G2G1191B-UHAX	22.53				
								G2G1188NB-UHAX	22.47				
								G2G1185-HAX	22.41				
								G2G1182-UHAX	22.36				
								G2G1179N-UHAX	22.30				
								G2G1176B-UHAX	22.24				
								G2G1173NB-UHAX	22.19				
								G2G1170-HAX	22.13				
								G2G1167-UHAX	22.07				
								G2G1164N-UHAX	22.02				
								G2G1161B-UHAX	21.96				
								G2G1158NB-UHAX	21.90				
								G2G1155-HAX	21.85				
								G2G1152-UHAX	21.79				
								G2G1149N-UHAX	21.73				
								G2G1146B-UHAX	21.68				
								G2G1143NB-UHAX	21.62				
								G2G1140-HAX	21.56				
								G2G1125-HAX	21.28				
								G2G1122-UHAX	21.22				
								G2G1119N-UHAX	21.17				
								G2G1116B-UHAX	21.11				
								G2G1113NB-UHAX	21.05				
								G2G1110-HAX	21.00				
								G2G1107-UHAX	20.94				
								G2G1104N-UHAX	20.88				
								G2G1101B-UHAX	20.83				
								G2G1098NB-UHAX	20.77				
								G2G1095-HAX	20.71				
								G2G1092-UHAX	20.66				
								G2G1089N-UHAX	20.60				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					xxxii	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1065-HAX (355Wp) (340Wp - 370Wp)	G2G1086B-UHAX	20.54	96 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2G1083NB-UHAX	20.49				
								G2G1080-HAX	20.43				
								G2G1077-UHAX	20.37				
								G2G1074N-UHAX	20.32				
								G2G1071B-UHAX	20.26				
								G2G1068NB-UHAX	20.20				
								G2G1065-HAX	20.14				
								G2G1062-UHAX	20.09				
								G2G1059N-UHAX	20.03				
								G2G1056B-UHAX	19.97				
								G2G1053NB-UHAX	19.92				
								G2G1050-HAX	19.86				
								G2G1035-HAX	19.58				
								G2G1020-HAX	19.29				
					xxxiii	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1005-HAC (335Wp) (321Wp - 350Wp)	G2G1050-HAC	22.53	84 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2G1047-UHAC	22.46				
								G2G1044N-UHAC	22.40				
								G2G1041B-UHAC	22.34				
								G2G1038NB-UHAC	22.27				
								G2G1035-HAC	22.21				
								G2G1032-UHAC	22.14				
								G2G1029N-UHAC	22.08				
								G2G1026B-UHAC	22.01				
								G2G1023NB-UHAC	21.95				
								G2G1020-HAC	21.88				
								G2G1017-UHAC	21.82				
								G2G1014N-UHAC	21.76				
								G2G1011B-UHAC	21.69				
								G2G1008NB-UHAC	21.63				
								G2G1005-HAC	21.56				
								G2G1002-UHAC	21.50				
								G2G999N-UHAC	21.43				
								G2G996B-UHAC	21.37				
								G2G993NB-UHAC	21.31				
								G2G990-HAC	21.24				
								G2G987-UHAC	21.18				
								G2G984N-UHAC	21.11				
								G2G981B-UHAC	21.05				
								G2G978NB-UHAC	20.98				
								G2G975-HAC	20.92				
								G2G972-UHAC	20.86				
								G2G969N-UHAC	20.79				
								G2G966B-UHAC	20.73				
								G2G963NB-UHAC	20.66				
					xxxiv	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G930-HAC (310Wp) (300Wp - 320Wp)	G2G960-HAC	20.60	84 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2G957-UHAC	20.53				
								G2G954N-UHAC	20.47				
								G2G951B-UHAC	20.40				
								G2G948NB-UHAC	20.34				
								G2G945-HAC	20.28				
								G2G942-UHAC	20.21				
								G2G939N-UHAC	20.15				
								G2G936B-UHAC	20.08				
								G2G933NB-UHAC	20.02				
								G2G930-HAC	19.95				
								G2G915-HAC	19.63				
								G2G912-UHAC	19.57				
								G2G909N-UHAC	19.50				
								G2G906B-UHAC	19.44				
								G2G903NB-UHAC	19.37				
								G2G900-HAC	19.31				
								G2G915-HAF	22.68				
								G2G912-UHAF	22.60				
								G2G909N-UHAF	22.53				
								G2G906B-UHAF	22.45				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					xxxv	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G885-HAF (295Wp) (281Wp - 305Wp)	G2G903NB-UHAF	22.38	72 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2G900-HAF	22.31				
								G2G897-UHAF	22.23				
								G2G894N-UHAF	22.16				
								G2G891B-UHAF	22.08				
								G2G888NB-UHAF	22.01				
								G2G885-HAF	21.93				
								G2G882-UHAF	21.86				
								G2G879N-UHAF	21.79				
								G2G876B-UHAF	21.71				
								G2G873NB-UHAF	21.64				
								G2G870-HAF	21.56				
								G2G867-UHAF	21.49				
								G2G864N-UHAF	21.41				
								G2G861B-UHAF	21.34				
								G2G858NB-UHAF	21.27				
								G2G855-HAF	21.19				
								G2G852-UHAF	21.12				
								G2G849N-UHAF	21.04				
								G2G846B-UHAF	20.97				
								G2G843NB-UHAF	20.89				
					xxxvi	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G810-HAF (270Wp) (260Wp - 280Wp)	G2G840-HAF	20.82	72 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2G825-HAF	20.45				
								G2G810-HAF	20.08				
								G2G795-HAF	19.70				
								G2G780-HAF	19.33				
					xxxvii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	G2X1740N-UHAD (580Wp) (567Wp - 590Wp)	G2X1770N-UHAD	22.82	144 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2X1767N-UHAD	22.78				
								G2X1764N-UHAD	22.74				
								G2X1761N-UHAD	22.70				
								G2X1758N-UHAD	22.66				
								G2X1755N-UHAD	22.63				
								G2X1752N-UHAD	22.59				
								G2X1749N-UHAD	22.55				
								G2X1746N-UHAD	22.51				
								G2X1743N-UHAD	22.47				
								G2X1740N-UHAD	22.43				
								G2X1737N-UHAD	22.39				
								G2X1734N-UHAD	22.35				
								G2X1731N-UHAD	22.32				
								G2X1728N-UHAD	22.28				
								G2X1725N-UHAD	22.24				
								G2X1722N-UHAD	22.20				
								G2X1719N-UHAD	22.16				
								G2X1716N-UHAD	22.12				
								G2X1713N-UHAD	22.08				
								G2X1710N-UHAD	22.04				
								G2X1707N-UHAD	22.01				
								G2X1704N-UHAD	21.97				
								G2X1701N-UHAD	21.93				
					xxxviii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	G2X1590N-UHAB (530Wp) (505Wp - 550Wp)	G2X1650N-UHAB	23.01	132 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2X1647N-UHAB	22.97				
								G2X1644N-UHAB	22.92				
								G2X1641N-UHAB	22.88				
								G2X1638N-UHAB	22.84				
								G2X1635N-UHAB	22.80				
								G2X1632N-UHAB	22.76				
								G2X1629N-UHAB	22.71				
								G2X1626N-UHAB	22.67				
								G2X1623N-UHAB	22.63				
								G2X1620N-UHAB	22.59				
								G2X1617N-UHAB	22.55				
								G2X1614N-UHAB	22.51				
								G2X1611N-UHAB	22.46				
								G2X1608N-UHAB	22.42				
								G2X1605N-UHAB	22.38				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								G2X1590N-UHAB	22.17				
								G2X1575N-UHAB	21.96				
								G2X1560N-UHAB	21.75				
								G2X1545N-UHAB	21.54				
								G2X1530N-UHAB	21.33				
								G2X1515N-UHAB	21.12				
					xxxix	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	G2X1455N-UHAA (485Wp) (470Wp - 500Wp)	G2X1500N-UHAA	22.93	120 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2X1497N-UHAA	22.88				
								G2X1494N-UHAA	22.84				
								G2X1491N-UHAA	22.79				
								G2X1488N-UHAA	22.74				
								G2X1485N-UHAA	22.70				
								G2X1482N-UHAA	22.65				
								G2X1479N-UHAA	22.61				
								G2X1476N-UHAA	22.56				
								G2X1473N-UHAA	22.51				
								G2X1470N-UHAA	22.47				
								G2X1467N-UHAA	22.42				
								G2X1464N-UHAA	22.38				
								G2X1461N-UHAA	22.33				
								G2X1458N-UHAA	22.29				
								G2X1455N-UHAA	22.24				
								G2X1440N-UHAA	22.01				
								G2X1425N-UHAA	21.78				
								G2X1410N-UHAA	21.55				
					XL	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	G2X1320N-UHAY (440Wp) (425Wp - 450Wp)	G2X1350N-UHAY	22.83	108 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2X1347N-UHAY	22.78				
								G2X1344N-UHAY	22.73				
								G2X1341N-UHAY	22.68				
								G2X1338N-UHAY	22.63				
								G2X1335N-UHAY	22.58				
								G2X1332N-UHAY	22.53				
								G2X1329N-UHAY	22.48				
								G2X1326N-UHAY	22.43				
								G2X1323N-UHAY	22.37				
								G2X1320N-UHAY	22.32				
								G2X1305N-UHAY	22.07				
								G2X1290N-UHAY	21.82				
								G2X1275N-UHAY	21.56				
					XLI	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	G2X1170N-UHAX (390Wp) (380Wp - 400Wp)	G2X1200N-UHAX	22.70	96 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2X1185N-UHAX	22.41				
								G2X1170N-UHAX	22.13				
								G2X1155N-UHAX	21.85				
								G2X1140N-UHAX	21.56				
					XLII	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	G2X1035N-UHAC (345Wp) (335Wp - 350Wp)	G2X1050N-UHAC	22.53	84 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2X1035N-UHAC	22.21				
								G2X1020N-UHAC	21.88				
								G2X1005N-UHAC	21.56				
					XLIII	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	G2X885N-UHAF (295Wp) (285Wp - 305Wp)	G2X915N-UHAF	22.68	72 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2X900N-UHAF	22.31				
								G2X885N-UHAF	21.93				
								G2X870N-UHAF	21.56				
								G2X855N-UHAF	21.19				
9	Novasys Greenergy Pvt. Ltd	Khasra No. 185, Mouza: Mahalgaon, Tehsil: Kamptee, Nagpur-441202, Maharashtra	R-71010499	442	i	Mono c-Si PERC Modules	NOVA195MP36 (195Wp)	NOVA195MP36	19.4	36 (Full Cell)	1500	10.11.2023	09.11.2027
					ii	Mono c-Si PERC Modules	NOVA250MP48 (250Wp)	NOVA255MP48	19.2	48 (Full Cell)	1500	10.11.2023	09.11.2027
								NOVA260MP48	19.6				
					iii	Mono c-Si PERC Modules	NOVA320MP60 (320Wp)	NOVA315MP60	19.2	60 (Full Cell)	1500	10.11.2023	09.11.2027
								NOVA320MP60	19.5				
								NOVA325MP60	19.8				
								NOVA330MP60	20.1				
					iv	Mono c-Si PERC Modules	NOVA350MP66 (350Wp)	NOVA340MP66	19	66 (Full Cell)	1500	10.11.2023	09.11.2027
								NOVA345MP66	19.3				
								NOVA350MP66	19.6				

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												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								NOVA355MP66	19.9				
								NOVA360MP66	20.1				
					v	Mono c-Si PERC Modules	NOVA290MP54 (290Wp)	NOVA285MP54	19.2	54 (Full Cell)	1500	10.11.2023	09.11.2027
								NOVA290MP54	19.5				
								NOVA295MP54	19.9				
					vi	Mono c-Si PERC Modules	NOVA380MP72 (380Wp)	NOVA380MP72	19.14	72 (Full Cells)	1500	10.11.2023	09.11.2027
								NOVA385MP72	19.4				
								NOVA390MP72	19.65				
								NOVA395MP72	19.9				
					vii	Mono c-Si PERC Modules	NOVA380MP144 (380Wp)	NOVA380MP144	19	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								NOVA385MP144	19.3				
								NOVA390MP144	19.5				
								NOVA395MP144	19.8				
					viii	Mono c-Si PERC Modules	NOVA350MP96 (350 Wp)	NOVA335MP96	19.06	96 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								NOVA340MP96	19.35				
								NOVA345MP96	19.63				
								NOVA350MP96	19.92				
								NOVA355MP96	20.21				
								NOVA360MP96	20.5				
								NOVA365MP96	20.78				
					ix	Mono c-Si PERC Modules	NOVA265MP72 (265 Wp)	NOVA255MP72	19.06	72 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								NOVA260MP72	19.45				
								NOVA265MP72	19.81				
								NOVA270MP72	20.19				
								NOVA275MP72	20.57				
					x	Mono c-Si PERC Modules	NOVA390MP108 (390 Wp)	NOVA375MP108	19.11	108 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								NOVA380MP108	19.37				
								NOVA385MP108	19.63				
								NOVA390MP108	19.88				
								NOVA395MP108	20.14				
								NOVA400MP108	20.4				
								NOVA405MP108	20.66				
					xi	Mono c-Si PERC Modules	NOVA415MP108 (415 Wp)	NOVA410MP108	20.91	108 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								NOVA415MP108	21.17				
					xii	Mono c-Si PERC Modules	NOVA435MP120 (435 Wp)	NOVA415MP120	19.11	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								NOVA420MP120	19.34				
								NOVA425MP120	19.57				
								NOVA430MP120	19.8				
								NOVA435MP120	20.03				
								NOVA440MP120	20.26				
								NOVA445MP120	20.49				
								NOVA450MP120	20.72				
								NOVA455MP120	20.95				
					xiii	Mono c-Si PERC Modules	NOVA460MP 120 (460 Wp)	NOVA460MP 120	21.18	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xiv	Mono c-Si PERC Modules	NOVA475MP132 (475 Wp)	NOVA455MP132	19.2	132 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								NOVA460MP132	19.41				
								NOVA465MP132	19.62				
								NOVA470MP132	19.83				
								NOVA475MP132	20.04				
								NOVA480MP132	20.25				
								NOVA485MP132	20.46				
								NOVA490MP132	20.67				
								NOVA495MP132	20.89				
					xv	Mono c-Si PERC Modules	NOVA500MP132 (500 Wp)	NOVA500MP132	21.1	132 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								NOVA505MP132	21.31				
					xvi	Mono c-Si PERC Modules	NOVA520MP144 (520 Wp)	NOVA495MP144	19.16	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								NOVA500MP144	19.35				
								NOVA505MP144	19.54				
								NOVA510MP144	19.74				
								NOVA515MP144	19.94				
								NOVA520MP144	20.13				

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												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					xvi	Mono c-Si PERC Modules	NOVA520MP144 (520 Wp)	NOVA525MP144	20.31	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								NOVA530MP144	20.51				
								NOVA535MP144	20.7				
								NOVA540MP144	20.89				
								NOVA545MP144	21.09				
					xvii	Mono c-Si PERC Modules	NOVA550MP144 (550Wp)	NOVA550MP144	21.28	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xviii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	NOVA265BF72 (265 Wp)	NOVA260BF72	19.43	72 (Half Cut Cell)	1500	10.11.2023	09.11.2027
								NOVA265BF72	19.80				
								NOVA270BF72	20.18				
								NOVA275BF72	20.55				
					xix	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	NOVA355BF96 (355 Wp)	NOVA345BF96	19.63	96 (Half Cut Cell)	1500	10.11.2023	09.11.2027
								NOVA350BF96	19.91				
								NOVA355BF96	20.20				
								NOVA360BF96	20.48				
								NOVA365BF96	20.77				
					xx	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	NOVA400BF108 (400 Wp)	NOVA380BF108	19.37	108 (Half Cut Cell)	1500	10.11.2023	09.11.2027
								NOVA385BF108	19.62				
								NOVA390BF108	19.88				
								NOVA395BF108	20.13				
								NOVA400BF108	20.39				
								NOVA405BF108	20.64				
								NOVA410BF108	20.90				
								NOVA415BF108	21.15				
					xxi	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	NOVA440BF120 (440 Wp)	NOVA425BF120	19.57	120 (Half Cut Cell)	1500	10.11.2023	09.11.2027
								NOVA430BF120	19.80				
								NOVA435BF120	20.03				
								NOVA440BF120	20.26				
								NOVA445BF120	20.49				
								NOVA450BF120	20.72				
								NOVA455BF120	20.95				
								NOVA460BF120	21.18				
					xxii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	NOVA485BF132 (485 Wp)	NOVA465BF132	19.58	132 (Half Cut Cell)	1500	10.11.2023	09.11.2027
								NOVA470BF132	19.79				
								NOVA475BF132	20.00				
								NOVA480BF132	20.21				
								NOVA485BF132	20.42				
								NOVA490BF132	20.63				
								NOVA495BF132	20.84				
								NOVA500BF132	21.06				
								NOVA505BF132	21.27				
					xxiii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	NOVA535BF144 (535 Wp)	NOVA520BF144	20.13	144 (Half Cut Cell)	1500	10.11.2023	09.11.2027
								NOVA525BF144	20.32				
								NOVA530BF144	20.52				
								NOVA535BF144	20.71				
								NOVA540BF144	20.90				
								NOVA545BF144	21.10				
								NOVA550BF144	21.29				
10	**M/s. Pahal Solar Private Limited**	**Ground Floor, Block No. 71, 72 Plot No. 167 to 171, 180 to 189, 19, E-172, 173,178, 179. Opp. Shiv Shakti Estate, Olpad,Surat-394540, Gujarat, India**	**R-72001848**	**282**	i	Mono c-Si PERC Modules	PS_540 (540Wp)	PS_550	21.29	144 (Half Cut Cell)	1500	10.11.2023	09.11.2027
								PS_545	21.09				
								PS_540	20.9				
								PS_535	20.71				
								PS_530	20.51				
								PS_525	20.32				
					ii	Mono c-Si PERC Modules	PS_500 (500Wp)	PS_500	19.35	132 (Half Cut Cell)	1500	10.11.2023	09.11.2027
								PS_495	19.16				
					iii	Mono c-Si PERC Modules	PS_445 (445Wp)	PS_445	20.37	144 (Half Cut Cell)	1500	10.11.2023	09.11.2027
								PS_440	20.14				
								PS_435	19.91				
								PS_430	19.68				

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												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					iv	Mono c-Si PERC Modules	PS_415 (415 Wp)	PS_415	19	132 (Half Cut Cell)	1500	10.11.2023	09.11.2027
					v	Mono c-Si PERC Modules	PS_370 (370 Wp)	PS_380	19.53	132 (Half Cut Cell)	1500	10.11.2023	09.11.2027
								PS_375	19.28				
								PS_370	19.02				
					vi	Bifacial N-type TOPCon Modules	PSN_155 (155Wp)	PSN_150	19.90	40 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_155	20.56				
								PSN_160	21.22				
					vii	Bifacial N-type TOPCon Modules	PSN_210 (210Wp)	PSN_200	19.28	56 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_205	19.76				
								PSN_210	20.24				
								PSN_215	20.72				
								PSN_220	21.21				
					viii	Bifacial N-type TOPCon Modules	PSN_255 (255Wp)	PSN_245	20.79	64 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_250	21.22				
								PSN_255	21.64				
								PSN_260	22.06				
								PSN_265	22.49				
					ix	Bifacial N-type TOPCon Modules	PSN_280 (280Wp)	PSN_270	20.38	72 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_275	20.76				
								PSN_280	21.13				
								PSN_285	21.51				
								PSN_290	21.89				
					x	Bifacial N-type TOPCon Modules	PSN_305 (305Wp)	PSN_295	20.18	80 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_300	20.52				
								PSN_305	20.86				
								PSN_310	21.21				
								PSN_315	21.55				
					xi	Bifacial N-type TOPCon Modules	PSN_335 (335Wp)	PSN_320	20.87	84 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_325	21.19				
								PSN_330	21.52				
								PSN_335	21.85				
								PSN_340	22.17				
								PSN_345	22.50				
					xii	Bifacial N-type TOPCon Modules	PSN_360 (360Wp)	PSN_350	20.06	96 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_355	20.35				
								PSN_360	20.64				
								PSN_365	20.92				
								PSN_370	21.21				
					xiii	Bifacial N-type TOPCon Modules	PSN_380 (380Wp)	PSN_375	21.50	96 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_380	21.78				
								PSN_385	22.07				
								PSN_390	22.36				
					xiv	Bifacial N-type TOPCon Modules	PSN_410 (410Wp)	PSN_400	20.48	108 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_405	20.74				
								PSN_410	20.99				
								PSN_415	21.25				
								PSN_420	21.50				
					xv	Bifacial N-type TOPCon Modules	PSN_435 (435Wp)	PSN_425	21.76	108 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_430	22.02				
								PSN_435	22.27				
								PSN_440	22.53				
								PSN_445	22.78				
								PSN_450	23.04				
					xvi	Bifacial N-type TOPCon	PSN_480	PSN_460	21.26	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_465	21.49				
								PSN_470	21.72				
								PSN_475	21.95				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					xvi	Modules	(480Wp)	PSN_480	22.18	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_485	22.41				
								PSN_490	22.64				
								PSN_495	22.87				
					xvii	Bifacial N-type TOPCon Modules	PSN_520 (520Wp)	PSN_500	21.07	132 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_505	21.28				
								PSN_510	21.49				
								PSN_515	21.70				
								PSN_520	21.91				
								PSN_525	22.13				
								PSN_530	22.34				
					xviii	Bifacial N-type TOPCon Modules	PSN_560 (560Wp)	PSN_535	20.71	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_540	20.90				
								PSN_545	21.09				
								PSN_550	21.29				
								PSN_555	21.48				
								PSN_560	21.67				
								PSN_565	21.87				
								PSN_570	22.06				
								PSN_575	22.25				
								PSN_580	22.45				
					xix	Bifacial N-type TOPCon Modules	PSN_610 (610Wp)	PSN_585	20.91	156 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_590	21.09				
								PSN_595	21.27				
								PSN_600	21.45				
								PSN_605	21.63				
								PSN_610	21.81				
								PSN_615	21.99				
								PSN_620	22.17				
								PSN_625	22.34				
								PSN_630	22.52				
11	M/s Pixon Green Energy Pvt. Ltd.	R.S. No. 157/1, 158/1, 158/2, 165/1, 166 of Khijadiya Nana, R.S. No. 15/1 of Depaliya, Padadhari, Rajkot Gujarat-360110	R-72004570	745	i	Mono c-Si PERC Modules	PIX MP3 72 390 (390 Wp)	PIX MP3 72 380	19.14	72 (Full Cells)	1500	10.11.2023	09.11.2027
								PIX MP3 72 385	19.4				
								PIX MP3 72 390	19.65				
								PIX MP3 72 395	19.9				
								PIX MP3 72 400	20.15				
					ii	Mono c-Si PERC Module	PIX MPH 132 645 (645Wp)	PIX MPH 132 625	19.93	132 (Half cut cells)	1500	10.11.2023	09.11.2027
								PIX MPH 132 630	20.09				
								PIX MPH 132 635	20.25				
								PIX MPH 132 640	20.41				
								PIX MPH 132 645	20.57				
								PIX MPH 132 650	20.72				
								PIX MPH 132 655	20.88				
								PIX MPH 132 660	21.04				
					iii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 132 645 (645Wp)	PIX MBHTB 132 625	19.93	132 (Half cut cells)	1500	10.11.2023	09.11.2027
								PIX MBHTB 132 630	20.09				
								PIX MBHTB 132 635	20.25				
								PIX MBHTB 132 640	20.41				
								PIX MBHTB 132 645	20.57				
								PIX MBHTB 132 650	20.72				
								PIX MBHTB 132 655	20.88				
								PIX MBHTB 132 660	21.04				
					iv	Mono c-Si PERC Module	PIX MPH 120 600 (600Wp)	PIX MPH 120 570	19.94	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PIX MPH 120 575	20.11				
								PIX MPH 120 580	20.29				
								PIX MPH 120 585	20.46				
								PIX MPH 120 590	20.64				
								PIX MPH 120 595	20.81				
								PIX MPH 120 600	20.99				
						Bifacial Mono c-Si PERC Module	PIX MBHTB 120 600	PIX MBHTB 120 570	19.94				
								PIX MBHTB 120 575	20.11				
								PIX MBHTB 120 580	20.29				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					v	(Glass to Transparent Backsheet)	PIX MBHTB 120 600 (600Wp)	PIX MBHTB 120 585	20.46	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PIX MBHTB 120 590	20.64				
								PIX MBHTB 120 595	20.81				
								PIX MBHTB 120 600	20.99				
					vi	Mono c-Si PERC Module	PIX MPH 108 530 (530Wp)	PIX MPH 108 510	19.76	108 (half cut cell)	1500	10.11.2023	09.11.2027
								PIX MPH 108 515	19.95				
								PIX MPH 108 520	20.14				
								PIX MPH 108 525	20.34				
								PIX MPH 108 530	20.53				
								PIX MPH 108 535	20.73				
								PIX MPH 108 540	20.92				
					vii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 108 530 (530Wp)	PIX MPHTB 108 510	19.76	108 (Half cut cell)	1500	10.11.2023	09.11.2027
								PIX MPHTB 108 515	19.95				
								PIX MPHTB 108 520	20.14				
								PIX MPHTB 108 525	20.34				
								PIX MPHTB 108 530	20.53				
								PIX MPHTB 108 535	20.73				
								PIX MPHTB 108 540	20.92				
					viii	Mono c-Si PERC Module	PIX MPH 156 585 (585Wp)	PIX MPH 156 560	20.00	156 (Half cut cells)	1500	10.11.2023	09.11.2027
								PIX MPH 156 565	20.18				
								PIX MPH 156 570	20.36				
								PIX MPH 156 575	20.54				
								PIX MPH 156 580	20.71				
								PIX MPH 156 585	20.89				
								PIX MPH 156 590	21.07				
								PIX MPH 156 595	21.25				
					ix	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 156 585 (585Wp)	PIX MBHTB 156 560	20.00	156 (Half cut cells)	1500	10.11.2023	09.11.2027
								PIX MBHTB 156 565	20.18				
								PIX MBHTB 156 570	20.36				
								PIX MBHTB 156 575	20.54				
								PIX MBHTB 156 580	20.71				
								PIX MBHTB 156 585	20.89				
								PIX MBHTB 156 590	21.07				
								PIX MBHTB 156 595	21.25				
					x	Mono c-Si PERC Module	PIX MPHB 144 535 (535Wp)	PIX MPHB 144 510	19.74	144 (Half cut cells)	1500	10.11.2023	09.11.2027
								PIX MPHB 144 515	19.94				
								PIX MPHB 144 520	20.13				
								PIX MPHB 144 525	20.32				
								PIX MPHB 144 530	20.52				
								PIX MPHB 144 535	20.71				
								PIX MPHB 144 540	20.90				
								PIX MPHB 144 545	21.09				
					xi	Mono c-Si PERC Module	PIX MPH 144 535 (535Wp)	PIX MPH 144 510	19.74	144 (Half cut cells)	1500	10.11.2023	09.11.2027
								PIX MPH 144 515	19.94				
								PIX MPH 144 520	20.13				
								PIX MPH 144 525	20.32				
								PIX MPH 144 530	20.52				
								PIX MPH 144 535	20.71				
								PIX MPH 144 540	20.90				
								PIX MPH 144 545	21.09				
					xii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 144 535 (535Wp)	PIX MBHTB 144 510	19.74	144 (Half cut cells)	1500	10.11.2023	09.11.2027
								PIX MBHTB 144 515	19.94				
								PIX MBHTB 144 520	20.13				
								PIX MBHTB 144 525	20.32				
								PIX MBHTB 144 530	20.52				
								PIX MBHTB 144 535	20.71				
								PIX MBHTB 144 540	20.90				
								PIX MBHTB 144 545	21.09				
					xiii	Mono c-Si PERC Module	PIX MPH 132 490 (490 Wp)	PIX MPH 132 470	19.74	132 (Half cut cell)	1500	10.11.2023	09.11.2027
								PIX MPH 132 475	19.95				
								PIX MPH 132 480	20.16				
								PIX MPH 132 485	20.37				
								PIX MPH 132 490	20.58				
								PIX MPH 132 495	20.79				
								PIX MPH 132 500	21.00				
								PIX MBHTB 132 470	19.74				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					xiv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 132 490 (490 Wp)	PIX MBHTB 132 475	19.95	132 (Half cut cell)	1500	10.11.2023	09.11.2027
								PIX MBHTB 132 480	20.16				
								PIX MBHTB 132 485	20.37				
								PIX MBHTB 132 490	20.58				
								PIX MBHTB 132 495	20.79				
								PIX MBHTB 132 500	21.00				
					xv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHDTB 156 575 (575 Wp)	PIX MBHDTB 156 560	20.00	156 (Half cut cells)	1500	10.11.2023	09.11.2027
								PIX MBHDTB 156 565	20.18				
								PIX MBHDTB 156 570	20.36				
								PIX MBHDTB 156 575	20.54				
								PIX MBHDTB 156 580	20.72				
								PIX MBHDTB 156 585	20.89				
								PIX MBHDTB 156 590	21.07				
								PIX MBHDTB 156 595	21.25				
					xvi	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHDTB 144 525 (525 Wp)	PIX MBHDTB 144 510	19.74	144 (Half cut cells)	1500	10.11.2023	09.11.2027
								PIX MBHDTB 144 515	19.94				
								PIX MBHDTB 144 520	20.13				
								PIX MBHDTB 144 525	20.32				
								PIX MBHDTB 144 530	20.52				
								PIX MBHDTB 144 535	20.71				
								PIX MBHDTB 144 540	20.90				
								PIX MBHDTB 144 545	21.10				
					xvii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHDTB 132 485 (485 Wp)	PIX MBHDTB 132 470	19.75	132 (Half cut cells)	1500	10.11.2023	09.11.2027
								PIX MBHDTB 132 475	19.96				
								PIX MBHDTB 132 480	20.17				
								PIX MBHDTB 132 485	20.38				
								PIX MBHDTB 132 490	20.59				
								PIX MBHDTB 132 495	20.80				
								PIX MBHDTB 132 500	21.01				
					xviii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHDTB 120 440 (440 Wp)	PIX MBHDTB 120 420	19.35	120 (Half cut cells)	1500	10.11.2023	09.11.2027
								PIX MBHDTB 120 425	19.58				
								PIX MBHDTB 120 430	19.81				
								PIX MBHDTB 120 435	20.04				
								PIX MBHDTB 120 440	20.27				
								PIX MBHDTB 120 445	20.50				
								PIX MBHDTB 120 450	20.73				
								PIX MBHDTB 120 455	20.96				
					xix	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHDTB 108 395 (395 Wp)	PIX MBHDTB 108 375	19.10	108 (Half cut cells)	1500	10.11.2023	09.11.2027
								PIX MBHDTB 108 380	19.36				
								PIX MBHDTB 108 385	19.61				
								PIX MBHDTB 108 390	19.87				
								PIX MBHDTB 108 395	20.12				
								PIX MBHDTB 108 400	20.38				
								PIX MBHDTB 108 405	20.63				
								PIX MBHDTB 108 410	20.89				
					xx	Mono c-Si PERC Module	PIX MPHD 156 575 (575 Wp)	PIX MPHD 156 560	20.00	156 (Half cut cells)	1500	10.11.2023	09.11.2027
								PIX MPHD 156 565	20.18				
								PIX MPHD 156 570	20.36				
								PIX MPHD 156 575	20.54				
								PIX MPHD 156 580	20.72				
								PIX MPHD 156 585	20.89				
								PIX MPHD 156 590	21.07				
								PIX MPHD 156 595	21.25				
					xxi	Mono c-Si PERC Module	PIX MPHD 144 530 (530 Wp)	PIX MPHD 144 510	19.74	144 (Half cut cells)	1500	10.11.2023	09.11.2027
								PIX MPHD 144 515	19.94				
								PIX MPHD 144 520	20.13				
								PIX MPHD 144 525	20.32				
								PIX MPHD 144 530	20.52				
								PIX MPHD 144 535	20.71				
								PIX MPHD 144 540	20.90				
								PIX MPHD 144 545	21.10				
					xxii	Mono c-Si PERC Module	PIX MPHD 132 490 (490 Wp)	PIX MPHD 132 470	19.75	132 (Half cut cells)	1500	10.11.2023	09.11.2027
								PIX MPHD 132 475	19.96				
								PIX MPHD 132 480	20.17				
								PIX MPHD 132 485	20.38				
								PIX MPHD 132 490	20.59				

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												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								PIX MPHD 132 495	20.80				
								PIX MPHD 132 500	21.01				
					xxiii	Mono c-Si PERC Module	PIX MPHD 120 440 (440 Wp)	PIX MPHD 120 420	19.35	120 (Half cut cells)	1500	10.11.2023	09.11.2027
								PIX MPHD 120 425	19.58				
								PIX MPHD 120 430	19.81				
								PIX MPHD 120 435	20.04				
								PIX MPHD 120 440	20.27				
								PIX MPHD 120 445	20.50				
								PIX MPHD 120 450	20.73				
								PIX MPHD 120 455	20.96				
					xxiv	Mono c-Si PERC Module	PIX MPHD 108 395 (395 Wp)	PIX MPHD 108 375	19.10	108 (Half cut cells)	1500	10.11.2023	09.11.2027
								PIX MPHD 108 380	19.36				
								PIX MPHD 108 385	19.61				
								PIX MPHD 108 390	19.87				
								PIX MPHD 108 395	20.12				
								PIX MPHD 108 400	20.38				
								PIX MPHD 108 405	20.63				
								PIX MPHD 108 410	20.89				
12	**Alpex Solar Pvt. Ltd.**	**Plot No. I-25 &I-26, UPSIDC, Site-5, Kasna, Greater Noida, Uttar Pradesh-201306**	**R-93007480**	**423**	i	Mono c-Si PERC Module	ALP380WM, (380Wp-385Wp)	ALP380WM (380 Wp)	19.38	72 (Full Cells)	1500	10.11.2023	09.11.2027
								ALP385WM (385 Wp)	19.64				
					ii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ALP24L565WM-T (565 Wp)	ALP24L540WM-T	20.90	144 ((Half Cut Cells))	1500	10.11.2023	09.11.2027
								ALP24L545WM-T	21.10				
								ALP24L550WM-T	21.29				
								ALP24L555WM-T	21.48				
								ALP24L560WM-T	21.68				
								ALP24L565WM-T	21.87				
								ALP24L570WM-T	22.07				
								ALP24L575WM-T	22.26				
								ALP24L580WM-T	22.45				
								ALP24L585WM-T	22.65				
								ALP24L590WM-T	22.84				
					iii	Mono c-Si PERC Module	ALP24L540WM (540Wp)	ALP24L520WM	20.13	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								ALP24L525WM	20.32				
								ALP24L530WM	20.52				
								ALP24L535WM	20.71				
								ALP24L540WM	20.90				
								ALP24L545WM	21.10				
								ALP24L550WM	21.29				
								ALP24L555WM	21.48				
								ALP24L560WM	21.68				
					iv	Mono c-Si PERC Module	ALP22L495WM (495Wp)	ALP22L480WM	20.21	132 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								ALP22L485WM	20.42				
								ALP22L490WM	20.64				
								ALP22L495WM	20.85				
								ALP22L500WM	21.06				
								ALP22L505WM	21.27				
								ALP22L510WM	21.48				
								ALP22L515WM	21.69				
					v	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ALP22L510WM-T (510Wp)	ALP22L495WM-T	20.85	132 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								ALP22L500WM-T	21.06				
								ALP22L505WM-T	21.27				
								ALP22L510WM-T	21.48				
								ALP22L515WM-T	21.69				
					vi	Mono c-Si PERC Module	ALP20L455WM (455Wp)	ALP20L435WM	20.06	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								ALP20L440WM	20.29				
								ALP20L445WM	20.52				
								ALP20L450WM	20.75				
								ALP20L455WM	20.99				
								ALP20L460WM	21.22				
								ALP20L465WM	21.45				
								ALP20L470WM	21.68				
								ALP20L475WM	21.91				
								ALP20L450WM-T	20.75				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					vii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ALP20L465WM-T (465Wp)	ALP20L455WM-T	20.99	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								ALP20L460WM-T	21.22				
								ALP20L465WM-T	21.45				
								ALP20L470WM-T	21.68				
								ALP20L475WM-T	21.91				
					viii	Mono c-Si PERC Module	ALP18L410WM (410Wp)	ALP18L390WM	19.95	108 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								ALP18L395WM	20.20				
								ALP18L400WM	20.46				
								ALP18L405WM	20.72				
								ALP18L410WM	20.97				
								ALP18L415WM	21.23				
								ALP18L420WM	21.48				
								ALP18L425WM	21.74				
					ix	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ALP18L415WM-T (415Wp)	ALP18L405WM-T	20.72	108 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								ALP18L410WM-T	20.97				
								ALP18L415WM-T	21.23				
								ALP18L420WM-T	21.48				
								ALP18L425WM-T	21.74				
					x	Mono c-Si PERC Module	ALP16L360WM (360Wp)	ALP16L345WM	19.75	96 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								ALP16L350WM	20.04				
								ALP16L355WM	20.33				
								ALP16L360WM	20.61				
								ALP16L365WM	20.90				
								ALP16L370WM	21.19				
								ALP16L375WM	21.47				
					xi	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ALP16L365WM-T (365Wp)	ALP16L360WM-T	20.61	96 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								ALP16L365WM-T	20.90				
								ALP16L370WM-T	21.19				
								ALP16L375WM-T	21.47				
					xii	Mono c-Si PERC Module	ALP14L325WM (325Wp)	ALP14L310WM	20.17	84 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								ALP14L315WM	20.5				
								ALP14L320WM	20.83				
								ALP14L325WM	21.15				
								ALP14L330WM	21.48				
								ALP14L335WM	21.8				
								ALP14L340WM	22.13				
					xiii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ALP14L325WM-T (325Wp)	ALP14L315WM-T	20.50	84 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								ALP14L320WM-T	20.83				
								ALP14L325WM-T	21.15				
								ALP14L330WM-T	21.48				
								ALP14L335WM-T	21.80				
								ALP14L340WM-T	22.13				
					xiv	Mono c-Si PERC Module	ALP12L275WM (275Wp)	ALP12L265WM	19.97	72 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								ALP12L270WM	20.35				
								ALP12L275WM	20.73				
								ALP12L280WM	21.10				
								ALP12L285WM	21.48				
					xv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ALP12L275WM-T (275Wp)	ALP12L270WM-T	20.35	72 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								ALP12L275WM-T	20.73				
								ALP12L280WM-T	21.10				
								ALP12L285WM-T	21.48				
					xvi	Mono c-Si PERC Module	ALP11L235WM (235Wp)	ALP11L225WM	19.02	64 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								ALP11L230WM	19.45				
								ALP11L235WM	19.87				
								ALP11L240WM	20.29				
								ALP11L245WM	20.71				
					xviii	Bifacial Mono c-Si PERC Module (Glass to Transparent	ALP11L245WM-T (245Wp)	ALP11L240WM-T	20.29	64 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								ALP11L245WM-T	20.71				
								ALP11L250WM-T	21.14				
					xviii	Mono c-Si PERC Module	ALP08L185WM (185Wp)	ALP08L180WM	19.74	48 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								ALP08L185WM	20.29				
								ALP08L190WM	20.84				
					xix	Bifacial Mono c-Si PERC Module (Glass to Transparent	ALP08L185WM-T (185Wp)	ALP08L180WM-T	19.74	48 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								ALP08L185WM-T	20.29				
								ALP08L190WM-T	20.84				
					xx	Mono c-Si PERC Module	ALP07L150WM	ALP07L150WM	19.77	40 (Half Cut Cells)	1500	10.11.2023	09.11.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					xx	Mono c-Si PERC Module	(150Wp)	ALP07L155WM	20.43	40 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xxi	Bifacial Mono c-Si PERC Module	ALP07L150WM-T (150Wp)	ALP07L150WM-T	19.77	40 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								ALP07L155WM-T	20.43				
					xxii	Mono c-Si PERC Module	ALP06L135WM (135Wp)	ALP06L135WM	19.20	36 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								ALP06L140WM	19.91				
					xxiii	Bifacial Mono c-Si PERC Module	ALP06L135WM-T (135Wp)	ALP06L135WM-T	19.20	36 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								ALP06L140WM-T	19.91				
					xxiv	Mono c-Si PERC Module	ALP05L120WM (120Wp)	ALP05L120WM	19.43	32 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								ALP05L125WM	20.24				
					xxv	Bifacial Mono c-Si PERC Module	ALP05L120WM-T (120Wp)	ALP05L120WM-T	19.43	32 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								ALP05L125WM-T	20.24				
13	Vikram Solar Ltd.	B1000A, B1100C, Indospace Industrial Park, Panruti Pvt. Ltd., Survey No-2/A, Sriperumbudur Taluk, Panaiyur Village, Kanchipuram-603302, Tamil Nadu	R-61002070	1408	i	Mono c-Si PERC Modules	SOMERA VSMH.72.550.05 (550 Wp)	SOMERA VSMH.72.555.05	21.52	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								SOMERA VSMH.72.550.05	21.33				
								SOMERA VSMH.72.545.05	21.13				
								SOMERA VSMH.72.540.05	20.94				
					ii	Mono c-Si PERC Modules	SOMERA VSMH.60.455.05 (455 Wp)	SOMERA VSMH.60.460.05	21.28	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								SOMERA VSMH.60.455.05	21.05				
								SOMERA VSMH.60.450.05	20.82				
								SOMERA VSMH.60.445.05	20.59				
					iii	Bifacial Mono c-Si PERC Modules (Glass to Glass)	PARADEA VSMDH.72.545.05 (545 Wp)	PARADEA VSMDH.72.565.05	21.91	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PARADEA VSMDH.72.560.05	21.72				
								PARADEA VSMDH.72.555.05	21.52				
								PARADEA VSMDH.72.550.05	21.33				
								PARADEA VSMDH.72.545.05	21.13				
								PARADEA VSMDH.72.540.05	20.94				
								PARADEA VSMDH.72.535.05	20.75				
					iv	Mono c-Si PERC Modules	PREXOS VSMDHT.72.535.05 (535 Wp)	PREXOS VSMDHT.72.535.05	20.75	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PREXOS VSMDHT.72.530.05	20.55				
					v	Bifacial Mono c-Si PERC Modules	PARADEA VSMDH.66.650.05 (650 Wp)	PARADEA VSMDH.66.660.05	21.25	132 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PARADEA VSMDH.66.655.05	21.09				
								PARADEA VSMDH.66.650.05	20.92				
								PARADEA VSMDH.66.645.05	20.76				
								PARADEA VSMDH.66.640.05	20.60				
								PARADEA VSMDH.66.635.05	20.44				
					vi	Bifacial Mono c-Si PERC Modules	PARADEA VSMDH.60.590.05 (590 Wp)	PARADEA VSMDH.60.600.05	21.20	120(Half Cut Cells)	1500	10.11.2023	09.11.2027
								PARADEA VSMDH.60.595.05	21.02				
								PARADEA VSMDH.60.590.05	20.85				
								PARADEA VSMDH.60.585.05	20.67				
								PARADEA VSMDH.60.580.05	20.50				
					vii	Mono c-Si PERC Modules	SOMERA VSMH.66.655.05 (655 Wp)	SOMERA VSMH.66.670.05	21.57	132 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								SOMERA VSMH.66.665.05	21.41				
								SOMERA VSMH.66.660.05	21.25				
								SOMERA VSMH.66.655.05	21.09				
								SOMERA VSMH.66.650.05	20.92				
								SOMERA VSMH.66.645.05	20.76				
								SOMERA VSMH.66.640.05	20.60				
					viii	Mono c-Si PERC Modules	SOMERA VSMH.60.600.05 (600 Wp)	SOMERA VSMH.60.610.05	21.55	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								SOMERA VSMH.60.605.05	21.38				
								SOMERA VSMH.60.600.05	21.20				
								SOMERA VSMH.60.595.05	21.02				
								SOMERA VSMH.60.590.05	20.85				
								SOMERA VSMH.60.585.05	20.67				
								SOMERA VSMH.60.580.05	20.49				
					ix	Mono c-Si PERC Modules	SOMERA VSMH.72.450.05 (450 Wp)	SOMERA VSMH.72.455.05	20.46	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								SOMERA VSMH.72.450.05	20.23				
								SOMERA VSMH.72.445.05	20.01				
								SOMERA VSMH.72.440.05	19.79				
					x	Bifacial Mono c-Si PERC Modules (Glass to Glass)	PARADEA VSMDH.72.600.05 (600 Wp)	PARADEA VSMDH.78.615.03	22.08	156 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PARADEA VSMDH.78.610.04	21.90				
								PARADEA VSMDH.78.605.05	21.72				
								PARADEA VSMDH.78.600.05	21.54				
								PARADEA VSMDH.78.595.05	21.36				
								PARADEA VSMDH.78.590.05	21.18				
								PARADEA VSMDH.78.585.05	21.00				
								PARADEA VSMDH.78.580.05	20.83				
								HYPERSOL VSMDH.72.610.05	23.61				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					xii	Bifacial N Type TOPCon Modules (Glass to Glass)	HYPERSOL VSMDH.72.585.05 (585 Wp)	HYPERSOL VSMDH.72.605.05	23.42	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								HYPERSOL VSMDH.72.600.05	23.23				
								HYPERSOL VSMDH.72.595.05	23.03				
								HYPERSOL VSMDH.72.590.05	22.84				
								HYPERSOL VSMDH.72.585.05	22.65				
								HYPERSOL VSMDH.72.580.05	22.45				
								HYPERSOL VSMDH.72.575.05	22.26				
								HYPERSOL VSMDH.72.570.05	22.07				
								HYPERSOL VSMDH.72.565.05	21.87				
								HYPERSOL VSMDH.72.560.05	21.68				
					xiii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	PREXOS VSMDHT.72.550.05 (550 Wp)	PREXOS VSMDHT.72.560.05	21.72	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PREXOS VSMDHT.72.555.05	21.52				
								PREXOS VSMDHT.72.550.05	21.33				
								PREXOS VSMDHT.72.545.05	21.13				
								PREXOS VSMDHT.72.540.05	20.94				
14	M/s. Contendre Greenergy Pvt. Ltd.	Unit No: I/6, Rajlakshmi HiTech Industrial Park, Sonale Village, Bhiwandi-421302, Maharashtra	R-71013196	49	i	Mono c-Si PERC Modules	CG MB72-405 (405 Wp)	CG MB72-395	19.17	72 (Full Cells)	1500	30.12.2023	29.12.2027
								CG MB72-400	19.41				
								CG MB72-405	19.66				
								CG MB72-410	19.90				
								CG MB72-415	20.14				
15	M/s. ECE (India) Energies Pvt. Ltd.	F-27, Express Highway, MIDC, Amravati-444607, Maharashtra, India.	R-71012220	40	i	Mono c-Si PERC Module	ECE060M310 (310Wp)	ECE060M310	19.19	60 (Full Cells)	1500	04.03.2024	03.03.2028
					ii	Mono c-Si PERC Module	ECE060M340 (340Wp)	ECE060M340	19.23	66 (Full Cells)	1500	04.03.2024	03.03.2028
					iii	Mono c-Si PERC Module	ECE060M370 (370Wp)	ECE060M370	19.17	72 (Full Cells)	1500	04.03.2024	03.03.2028
		Co-ALMM with M/s Navitas Green Solutions Pvt. Ltd. Manufacturing Address: Plot No. B-20/3, Road No. 13, 14, Palsana-Baleshwar Rd, Hoziwala Industrial Estate, Sachin, Surat-394230, Gujarat	R-72008389	100 (As per Co-Branding Agreement)	iv	Mono c-Si PERC Module	ECE072M220 (220 Wp)	ECE072M215	19.32	72 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE072M220	19.77				
								ECE072M225	20.22				
					v	Mono c-Si PERC Module	ECE072M270 (270 Wp)	ECE072M260	19.62	72 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE072M265	20.00				
								ECE072M270	20.38				
								ECE072M275	20.76				
					vi	Mono c-Si PERC Module	ECE096M295 (295 Wp)	ECE096M285	19.42	96 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE096M290	19.81				
								ECE096M295	20.15				
								ECE096M300	20.49				
					vii	Mono c-Si PERC Module	ECE096M360 (360 Wp)	ECE096M350	20.06	96 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE096M355	20.35				
								ECE096M360	20.64				
								ECE096M365	20.92				
					viii	Mono c-Si PERC Module	ECE108M330 (330 Wp)	ECE108M320	19.52	108 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE108M325	19.82				
								ECE108M330	20.13				
								ECE108M335	20.43				
								ECE108M340	20.74				
					ix	Mono c-Si PERC Module	ECE108M400 (400 Wp)	ECE108M390	19.96	108 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE108M395	20.21				
								ECE108M400	20.47				
								ECE108M405	20.72				
								ECE108M410	20.98				
					x	Mono c-Si PERC Module	ECE120M370 (370 Wp)	ECE120M360	19.84	120 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE120M365	20.11				
								ECE120M370	20.39				
								ECE120M375	20.66				
					xi	Mono c-Si PERC Module	ECE120M445 (445 Wp)	ECE120M435	20.10	120 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE120M440	20.33				
								ECE120M445	20.56				
								ECE120M450	20.79				
								ECE120M455	21.02				
					xii	Mono c-Si PERC Module	ECE132M405 (405 Wp)	ECE132M395	19.85	132 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE132M400	20.10				
								ECE132M405	20.35				
								ECE132M410	20.06				
								ECE132M415	20.85				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					xiii	Mono c-Si PERC Module	ECE132M490 (490 Wp)	ECE132M480	20.22	132 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE132M485	20.43				
								ECE132M490	20.64				
								ECE132M495	20.85				
								ECE132M500	21.06				
					xiv	Mono c-Si PERC Module	ECE144M450 (450 Wp)	ECE144M435	20.09	144 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE144M440	20.32				
								ECE144M445	20.55				
								ECE144M450	20.78				
								ECE144M455	21.01				
								ECE144M460	21.24				
								ECE144M465	21.48				
					xv	Mono c-Si PERC Module	ECE144M545 (545 Wp)	ECE144M525	20.32	144 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE144M530	20.51				
								ECE144M535	20.71				
								ECE144M540	20.90				
								ECE144M545	21.09				
								ECE144M550	21.29				
								ECE144M555	21.48				
								ECE144M560	21.67				
					xvi	Mono c-Si PERC Module	ECE156M470 (470 Wp)	ECE156M460	19.30	156 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE156M465	19.51				
								ECE156M470	19.72				
								ECE156M475	19.93				
								ECE156M480	20.14				
								ECE156M485	20.35				
					xvii	Mono c-Si PERC Module	ECE156M580 (580 Wp)	ECE156M570	20.39	156 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE156M575	20.57				
								ECE156M580	20.74				
								ECE156M585	20.92				
16	**Rayzon Solar Private Limited**	**Block No. 94/1/1F, 94/1/3, 102/1, 103, 104, 105, 109, 110, 118, 119, 120, Kim Mandvi Road, Near Hariya Talav, B/H Aron Pipe, Kim Mandvi Road, Karanj, Surat - 394110, Gujarat, India.**	**R-72002305**	**3006**	i	Mono c-Si PERC Modules	RS400WC (400 Wp)	RS385WC	19.72	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								RS390WC	19.96				
								RS395WC	20.22				
								RS400WC	20.47				
								RS405WC	20.75				
								RS410WC	20.97				
								RS415WC	21.22				
								RS420WC	21.48				
					ii	Mono c-Si PERC Modules	RS445WC (445 Wp)	RS425WC	19.67	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								RS430WC	19.88				
								RS435WC	20.12				
								RS440WC	20.37				
								RS445WC	20.60				
								RS450WC	20.84				
								RS455WC	21.00				
								RS460WC	21.23				
								RS465WC	21.47				
					iii	Mono c-Si PERC Modules	RS490WC (490 Wp)	RS470WC	19.84	132 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								RS475WC	20.02				
								RS480WC	20.26				
								RS485WC	20.46				
								RS490WC	20.66				
								RS495WC	20.87				
								RS500WC	21.06				
								RS505WC	21.28				
								RS510WC	21.49				
					iv	Mono c-Si PERC Modules	RS535WC (535 Wp)	RS515WC	19.96	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								RS520WC	20.17				
								RS525WC	20.34				
								RS530WC	20.55				
								RS535WC	20.74				
								RS540WC	20.94				
								RS545WC	21.10				
								RS550WC	21.32				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								RS555WC	21.52				
								RS560WC	21.71				
					v	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	RSB530WC (530 Wp)	RSB505WC	19.56	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								RSB510WC	19.79				
								RSB515WC	19.99				
								RSB520WC	20.18				
								RSB525WC	20.37				
								RSB530WC	20.56				
								RSB535WC	20.75				
								RSB540WC	20.94				
								RSB545WC	21.13				
								RSB550WC	21.32				
					vi	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	RSB480WC (480 Wp)	RSB460WC	19.40	132 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								RSB465WC	19.60				
								RSB470WC	19.84				
								RSB475WC	20.02				
								RSB480WC	20.26				
								RSB485WC	20.46				
								RSB490WC	20.66				
								RSB495WC	20.87				
								RSB500WC	21.08				
					vii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	RSB435WC (435 Wp)	RSB415WC	19.18	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								RSB420WC	19.42				
								RSB425WC	19.65				
								RSB430WC	19.86				
								RSB435WC	20.10				
								RSB440WC	20.35				
								RSB445WC	20.58				
								RSB450WC	20.81				
								RSB455WC	21.02				
					viii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	RSB390WC (390 Wp)	RSB380WC	19.47	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								RSB385WC	19.72				
								RSB390WC	19.96				
								RSB395WC	20.22				
								RSB400WC	20.47				
								RSB405WC	20.75				
								RSB410WC	21.00				
					ix	Bifacial Mono c-Si PERC Modules (Glass to Glass)	RSG530WC (530 Wp)	RSG505WC	19.57	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								RSG510WC	19.76				
								RSG515WC	19.95				
								RSG520WC	20.15				
								RSG525WC	20.34				
								RSG530WC	20.53				
								RSG535WC	20.73				
								RSG540WC	20.92				
								RSG545WC	21.12				
								RSG550WC	21.31				
								RSG555WC	21.50				
					x	Bifacial Mono c-Si PERC Modules (Glass to Glass)	RSG480WC (480 Wp)	RSG460WC	19.40	132 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								RSG465WC	19.60				
								RSG470WC	19.84				
								RSG475WC	20.02				
								RSG480WC	20.26				
								RSG485WC	20.46				
								RSG490WC	20.66				
								RSG495WC	20.87				
								RSG500WC	21.08				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					xi	Bifacial Mono c-Si PERC Modules (Glass to Glass)	RSG435WC (435 Wp)	RSG415WC	19.18	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								RSG420WC	19.42				
								RSG425WC	19.65				
								RSG430WC	19.86				
								RSG435WC	20.10				
								RSG440WC	20.35				
								RSG445WC	20.58				
								RSG450WC	20.81				
								RSG455WC	21.02				
					xii	Bifacial Mono c-Si PERC Modules (Glass to Glass)	RSG390WC (390 Wp)	RSG380WC	19.47	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								RSG385WC	19.72				
								RSG390WC	19.96				
								RSG395WC	20.22				
								RSG400WC	20.47				
								RSG405WC	20.75				
								RSG410WC	21.00				
					xii	Bifacial N Type TOPCon Module (Glass to Glass)	RS560144TGC (560 Wp)	RS535144TGC	20.73	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								RS540144TGC	20.92				
								RS545144TGC	21.12				
								RS550144TGC	21.31				
								RS555144TGC	21.50				
								RS560144TGC	21.70				
								RS565144TGC	21.89				
								RS570144TGC	22.08				
								RS575144TGC	22.28				
								RS580144TGC	22.47				
								RS585144TGC	22.66				
					xiv	Bifacial N Type TOPCon Module (Glass to Glass)	RS510132TGC (510 Wp)	RS485132TGC	20.43	132 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								RS490132TGC	20.64				
								RS495132TGC	20.85				
								RS500132TGC	21.06				
								RS505132TGC	21.27				
								RS510132TGC	21.49				
								RS515132TGC	21.70				
								RS520132TGC	21.91				
								RS525132TGC	22.12				
								RS530132TGC	22.33				
								RS535132TGC	22.54				
					xv	Bifacial N Type TOPCon Module (Glass to Glass)	RS465120TGC (465 Wp)	RS445120TGC	20.54	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								RS450120TGC	20.77				
								RS455120TGC	21.00				
								RS460120TGC	21.23				
								RS465120TGC	21.46				
								RS470120TGC	21.70				
								RS475120TGC	21.93				
								RS480120TGC	22.16				
								RS485120TGC	22.39				
					xvi	Bifacial N Type TOPCon Module (Glass to Glass)	RS415108TGC (415 Wp)	RS395108TGC	20.24	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								RS400108TGC	20.50				
								RS405108TGC	20.76				
								RS410108TGC	21.01				
								RS415108TGC	21.27				
								RS420108TGC	21.53				
								RS425108TGC	21.78				
								RS430108TGC	22.04				
								RS435108TGC	22.30				
					xvii	Bifacial Mono c-Si PERC Modules	RSG560WC (560 Wp)	RSG560WC	21.70	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028
					xviii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	RSB560WC (560 Wp)	RSB555WC	21.50	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								RSB560WC	21.70				
					xix	Bifacial N Type TOPCon Module (Glass to Glass)	RS600144TGC (600 Wp)	RS600144TGC	23.25	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								RS595144TGC	23.05				
								RS590144TGC	22.86				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
17	M/s. Kosol Energie Pvt. Ltd.	Survey No: 415/B, Opp. Super Gas, Village: Bhayla, Bavla-Bagodra Highway, Ta: Bavla, Dist: Ahmedabad-382220, Gujarat, India.	R-72003417	637	i	Mono c-Si PERC Modules	KE550M (550 Wp)	KE570M	22.06	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								KE565M	21.87				
								KE560M	21.68				
								KE555M	21.48				
								KE550M	21.29				
								KE545M	21.10				
								KE540M	20.90				
								KE535M	20.71				
								KE530M	20.52				
					ii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	KE550T (550 Wp)	KE570T	22.06	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								KE565T	21.87				
								KE560T	21.68				
								KE555T	21.48				
								KE550T	21.29				
								KE545T	21.10				
								KE540T	20.90				
								KE535T	20.71				
								KE530T	20.52				
					iii	Mono c-Si PERC Modules	KE445M (445 Wp)	KE460M	21.21	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								KE455M	20.98				
								KE450M	20.75				
								KE445M	20.52				
								KE440M	20.29				
								KE435M	20.06				
								KE430M	19.83				
					iv	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	KE445T (445 Wp)	KE460T	21.21	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								KE455T	20.98				
								KE450T	20.75				
								KE445T	20.52				
								KE440T	20.29				
								KE435T	20.06				
								KE430T	19.83				
					v	Mono c-Si PERC Modules	KE400M (400 Wp)	KE415M	21.24	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								KE410M	20.98				
								KE405M	20.73				
								KE400M	20.47				
								KE395M	20.22				
								KE390M	19.96				
								KE385M	19.70				
					vi	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	KE400T (400 Wp)	KE415T	21.24	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								KE410T	20.98				
								KE405T	20.73				
								KE400T	20.47				
								KE395T	20.22				
								KE390T	19.96				
								KE385T	19.70				
					vii	Mono c-Si PERC Modules	KE255M (255 Wp)	KE255M	19.22	48 (Full Cells)	1500	04.03.2024	03.03.2028
					viii	Mono c-Si PERC Modules	KE285M (285 Wp)	KE280M	19.05	54 (Full Cells)	1500	04.03.2024	03.03.2028
								KE285M	19.39				
					ix	Mono c-Si PERC Modules	KE325M (325 Wp)	KE315M	19.17	60 (Full Cells)	1500	04.03.2024	03.03.2028
								KE320M	19.47				
								KE325M	19.78				
								KE330M	20.08				
								KE335M	20.38				
					x	Mono c-Si PERC Modules	KE390M (390 Wp)	KE380M	19.16	72 (Full Cells)	1500	04.03.2024	03.03.2028
								KE385M	19.42				
								KE390M	19.67				
								KE395M	19.92				
18	M/s. Citizen Solar Pvt. Ltd.	New Survey No-966, Village: Indrad, Chhatral Kadi Road, Ta: Kadi, Dist.: Mehsana, Gujarat-382715, India.	R-72001929	150	i	Mono c-Si PERC Module (Glass to Transparent	CSPL-144MHC-TF-535 (535Wp)	CSPL-144MHC-TF-520	20.14	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								CSPL-144MHC-TF-525	20.33				
								CSPL-144MHC-TF-530	20.52				
								CSPL-144MHC-TF-535	20.72				
								CSPL-144MHC-TF-540	20.91				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
						backsheet)		CSPL-144MHC-TF-545	21.11				
								CSPL-144MHC-TF-550	21.30				
								CSPL-144MHC-TF-555	21.49				
								CSPL-144MHC-TF-560	21.69				
					ii	Mono c-Si PERC Module	CSPL-144MHC-WF-535 (535Wp)	CSPL-144MHC-WF-520	20.14	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								CSPL-144MHC-WF-525	20.33				
								CSPL-144MHC-WF-530	20.52				
								CSPL-144MHC-WF-535	20.72				
								CSPL-144MHC-WF-540	20.91				
								CSPL-144MHC-WF-545	21.11				
								CSPL-144MHC-WF-550	21.30				
								CSPL-144MHC-WF-555	21.49				
								CSPL-144MHC-WF-560	21.69				
					iii	Mono c-Si PERC Module (Glass to Transparent backsheet)	CSPL-132MHC-TF-485 (485Wp)	CSPL-132MHC-TF-480	20.21	132 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								CSPL-132MHC-TF-485	20.42				
								CSPL-132MHC-TF-490	20.63				
								CSPL-132MHC-TF-495	20.84				
					iv	Mono c-Si PERC Module	CSPL-132MHC-WF-485 (485Wp)	CSPL-132MHC-WF-480	20.21	132 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								CSPL-132MHC-WF-485	20.42				
								CSPL-132MHC-WF-490	20.63				
								CSPL-132MHC-WF-495	20.84				
					v	Mono c-Si PERC Module (Glass to Transparent backsheet)	CSPL-120MHC-TF-440 (440Wp)	CSPL-120MHC-TF-435	20.04	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								CSPL-120MHC-TF-440	20.27				
								CSPL-120MHC-TF-445	20.50				
								CSPL-120MHC-TF-450	20.73				
					vi	Mono c-Si PERC Module	CSPL-120MHC-WF-440 (440Wp)	CSPL-120MHC-WF-435	20.04	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								CSPL-120MHC-WF-440	20.27				
								CSPL-120MHC-WF-445	20.50				
								CSPL-120MHC-WF-450	20.73				
					vii	Mono c-Si PERC Module (Glass to Transparent backsheet)	CSPL-108MHC-TF-395 (395Wp)	CSPL-108MHC-TF-390	19.88	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								CSPL-108MHC-TF-395	20.14				
								CSPL-108MHC-TF-400	20.39				
								CSPL-108MHC-TF-405	20.65				
					viii	Mono c-Si PERC Module	CSPL-108MHC-WF-395 (395Wp)	CSPL-108MHC-WF-390	19.88	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								CSPL-108MHC-WF-395	20.14				
								CSPL-108MHC-WF-400	20.39				
								CSPL-108MHC-WF-405	20.65				
					ix	Mono c-Si PERC Modules.	CSPL24M390 (390 Wp)	CSPL24M380	19.15	72 (Full Cells)	1500	04.03.2024	03.03.2028
								CSPL24M385	19.41				
								CSPL24M390	19.66				
								CSPL24M395	19.91				
								CSPL24M400	20.16				
19	M/s. Redren Energy Pvt. Ltd	Survey No. 154/1, 154/2, Opposite Rangpar, Bus Stand, National Highway No. 27, Jalida, Wankaner, Morbi-363621, Gujarat, India	R-72001775	77	i	Mono c-Si PERC Module	RPLUS24380 (380 Wp)	RPLUS24380	19.11	72 (Full Cells)	1500	05.04.2024	04.04.2028
					ii	Mono c-Si PERC Module	RPLUS20320 (320 Wp)	RPLUS20330	20.05	60 (Full Cells)	1500	05.04.2024	04.04.2028
								RPLUS20325	19.74				
								RPLUS20320	19.44				
								RPLUS20315	19.14				
					iii	Mono c-Si PERC Module	RPLUS18300 (300 Wp)	RPLUS18300	20.37	54 (Full Cells)	1500	05.04.2024	04.04.2028
								RPLUS18295	20.03				
								RPLUS18290	19.69				
								RPLUS18285	19.35				
					iv	Mono c-Si PERC Module	RSM10MP-72HCMF550 (550Wp)	RSM10MP-72HCMF550	21.29	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028
					v	Mono c-Si PERC Module	RSM10MP-72HCMF520 (520Wp)	RSM10MP-72HCMF545	21.10	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10MP-72HCMF540	20.90				
								RSM10MP-72HCMF535	20.71				
								RSM10MP-72HCMF530	20.52				
								RSM10MP-72HCMF525	20.32				
								RSM10MP-72HCMF520	20.13				
								RSM10MP-72HCMF515	19.94				
								RSM10MP-72HCMF510	19.74				
								RSM10MP-72HCMF505	19.55				
								RSM10MP-72HCMF500	19.35				
								RSM10MP-72HCMF495	19.16				
								RSM10MP-66HCMF505	21.27				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					vi	Mono c-Si PERC Module	RSM10MP-66HCMF500 (500 Wp)	RSM10MP-66HCMF500	21.06	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10MP-66HCMF495	20.84				
								RSM10MP-66HCMF490	20.63				
								RSM10MP-66HCMF485	20.42				
								RSM10MP-66HCMF480	20.21				
								RSM10MP-66HCMF475	20.03				
					vii	Mono c-Si PERC Module	RSM10MP-66HCMF470 (470 Wp))	RSM10MP-66HCMF470	19.79	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10MP-66HCMF465	19.58				
								RSM10MP-66HCMF460	19.37				
								RSM10MP-66HCMF455	19.16				
					viii	Mono c-Si PERC Module	RSM10MP-60HCMF460 (460 Wp)	RSM10MP-60HCMF460	21.25	120 (Half Cut Cells)	1500	05.04.2024	04.04.2028
					ix	Mono c-Si PERC Module	RSM10MP-60HCMF435 (435 Wp)	RSM10MP-60HCMF455	21.02	120 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10MP-60HCMF450	20.79				
								RSM10MP-60HCMF445	20.55				
								RSM10MP-60HCMF440	20.32				
								RSM10MP-60HCMF435	20.09				
								RSM10MP-60HCMF430	19.86				
								RSM10MP-60HCMF425	19.63				
								RSM10MP-60HCMF420	19.40				
								RSM10MP-60HCMF415	19.17				
					x	Mono c-Si PERC Module	RSM10MP-54HCMF400 (400 Wp)	RSM10MP-54HCMF420	21.48	108 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10MP-54HCMF415	21.23				
								RSM10MP-54HCMF410	20.97				
								RSM10MP-54HCMF405	20.71				
								RSM10MP-54HCMF400	20.46				
								RSM10MP-54HCMF395	20.20				
								RSM10MP-54HCMF390	19.95				
								RSM10MP-54HCMF385	19.69				
								RSM10MP-54HCMF380	19.44				
20	**M/s. Premier Energies Photovoltaic Pvt. Ltd**	**Plot No-8/B/1 & 8/B/2, SY No. 62 P 63 P and 88 P, E-City, Village Raviryala, Maheshwaram Mandal, Ranga Reddy, Telangana-501359, India**	**R-63002356**	**1241**	i	Mono c-Si PERC Module	PE-490HM, (490Wp)	PE-470HM	19.80	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								PE-475HM	20.01				
								PE-480HM	20.22				
								PE-485HM	20.43				
								PE-490HM	20.64				
								PE-495HM	20.86				
								PE-510HM	21.49				
								PE-505HM	21.28				
								PE-500HM	21.07				
					ii	Mono c-Si PERC Module	PE-530HM, (530 Wp)	PE-515HM	19.94	144 (Half-Cut Cells)	1500	05.04.2024	04.04.2028
								PE-520HM	20.13				
								PE-525HM	20.32				
								PE-530HM	20.52				
								PE-535HM	20.71				
								PE-540HM	20.90				
								PE-545HM	21.10				
								PE-550HM	21.29				
								PE-555HM	21.48				
					iii	Bifacial Mono c-Si PERC Module	PE-530HGB, (530 Wp)	PE-510HGB	19.74	144 (Half-Cut Cells)	1500	05.04.2024	04.04.2028
								PE-515HGB	19.94				
								PE-520HGB	20.13				
								PE-525HGB	20.32				
								PE-530HGB	20.52				
								PE-535HGB	20.71				
								PE-540HGB	20.90				
								PE-545HGB	21.10				
								PE-550HGB	21.29				
					iv	Mono c-Si PERC Module	PE-565HM, (565 Wp)	PE-555HM	19.86	156 (Half-Cut Cells)	1500	05.04.2024	04.04.2028
								PE-560HM	20.04				
								PE-565HM	20.22				
								PE-570HM	20.40				
								PE-575HM	20.58				
								PE-580HM	20.76				
								PE-585HM	20.94				
								PE-590HM	21.12				
								PE-520HB	21.91				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					v	Bifacial Mono c-Si PERC Module	PE-500HB, (500Wp)	PE-515HB	21.70	132 (Half-Cut Cells)	1500	05.04.2024	04.04.2028
								PE-510HB	21.49				
								PE-505HB	21.28				
								PE-500HB	21.07				
								PE-495HB	20.86				
								PE-490HB	20.64				
					vi	Bifacial Mono c-Si PERC Module	PE-535HB, (535Wp)	PE-550HB	21.29	144 (Half-Cut Cells)	1500	05.04.2024	04.04.2028
								PE-545HB	21.10				
								PE-540HB	20.90				
								PE-535HB	20.71				
								PE-530HB	20.52				
								PE-525HB	20.32				
					vii	Bifacial N-Type TOPCon Modules	PE-565THB144, (565Wp)	PE-545THB144	21.10	144 (Half-Cut Cells)	1500	05.04.2024	04.04.2028
								PE-550THB144	21.29				
								PE-555THB144	21.48				
								PE-560THB144	21.68				
								PE-565THB144	21.87				
								PE-570THB144	22.07				
								PE-575THB144	22.26				
								PE-580THB144	22.45				
								PE-585THB144	22.65				
								PE-590THB144	22.84				
					viii	Bifacial N-Type TOPCon Modules	PE-515THB132, (515Wp)	PE-495THB132	20.86	132 (Half-Cut Cells)	1500	05.04.2024	04.04.2028
								PE-500THB132	21.07				
								PE-505THB132	21.28				
								PE-510THB132	21.49				
								PE-515THB132	21.70				
								PE-520THB132	21.91				
								PE-525THB132	22.12				
								PE-530THB132	22.33				
								PE-535THB132	22.54				
					x	Bifacial N-Type TOPCon Modules	PE-470THB120, (470Wp)	PE-450THB120	20.80	120 (Half-Cut Cells)	1500	05.04.2024	04.04.2028
								PE-455THB120	21.03				
								PE-450THB120	21.26				
								PE-460THB120	21.49				
								PE-465THB120	21.72				
								PE-470THB120	21.95				
								PE-475THB120	22.18				
								PE-480THB120	22.42				
								PE-485THB120	22.65				
								PE-490THB120	22.88				
21	M/s. Sri Savitr Solar Pvt. Ltd	Plot No. 34/1, Sy No. 374, C.I.E. Phase 2, Gandhi Nagar, Quthbulapur, Ranga Reddy, Hyderabad, Telangana - 500037, India	R-63000922	40	i	Mono c-Si PERC Module	SSSPL-72TP-265 (265 Wp)	SSSPL-72TP-255	19.20	72 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								SSSPL-72TP-260	19.58				
								SSSPL-72TP-265	19.96				
								SSSPL-72TP-270	20.33				
								SSSPL-72TP-275	20.71				
					ii	Mono c-Si PERC Module	SSSPL-72TP-265 (280 Wp)	SSSPL-72TP-280	21.08	72 (Half Cut Cells)	1500	05.04.2024	04.04.2028
					iii	Mono c-Si PERC Module	SSSPL-108TP-390 (390 Wp)	SSSPL-108TP-380	19.47	108 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								SSSPL-108TP-390	19.98				
								SSSPL-108TP-400	20.49				
					iv	Mono c-Si PERC Module	SSSPL-108TP-410 (410Wp)	SSSPL-108TP-410	21.00	108 (Half Cut Cells)	1500	05.04.2024	04.04.2028
					v	Mono c-Si PERC Module	SSSPL-120TP-440 (440Wp)	SSSPL-120TP-420	19.42	120 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								SSSPL-120TP-430	19.89				
								SSSPL-120TP-440	20.35				
								SSSPL-120TP-450	20.81				
								SSSPL-120TP-460	21.27				
					vi	Mono c-Si PERC Module	SSSPL-132TP-485 (485 Wp)	SSSPL-132TP-470	19.81	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								SSSPL-132TP-475	20.02				
								SSSPL-132TP-480	20.23				
								SSSPL-132TP-485	20.44				
								SSSPL-132TP-490	20.66				
								SSSPL-132TP-495	20.87				
								SSSPL-132TP-500	21.07				
								SSSPL-144TP-500	19.36				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					vii	Mono c-Si PERC Module	SSSPL-144TP-520 (520 Wp)	SSSPL-144TP-510	19.75	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								SSSPL-144TP-520	20.14				
								SSSPL-144TP-530	20.52				
								SSSPL-144TP-540	20.91				
					viii	Mono c-Si PERC Module	SSSPL-144TP-550 (550 Wp)	SSSPL-144TP-550	21.30	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028
					ix	Mono c-Sii Module	SSPL-36-260 (260 Wp)	SSPL-36-260	20.96	36(Half Cut Cells)	1500	05.04.2024	04.04.2028
					x	Mono c-Sii Module	SSPL-36-270 (260 Wp)	SSPL-36-270	21.27	36(Half Cut Cells)	1500		
					xi	Mono c-Sii Module	SSPL-36-230 (230 Wp)	SSPL-36-230	20.83	36(Half Cut Cells)	1500		
					xii	Mono c-Sii Module	SSPL-36-240 (240 Wp)	SSPL-36-240	20.83	36(Half Cut Cells)	1500		
					xiii	Mono c-Sii Module	SSPL-36-250 (250 Wp)	SSPL-36-250	20.95	36(Half Cut Cells)	1500		
					xiv	Mono c-Sii Module	SSPL-36-200 (200 Wp)	SSPL-36-200	20.56	36(Half Cut Cells)	1500		
					xv	Mono c-Sii Module	SSPL-36-210 (210 Wp)	SSPL-36-210	20.68	36(Half Cut Cells)	1500		
					xvi	Mono c-Sii Module	SSPL-36-220 (220 Wp)	SSPL-36-220	20.83	36(Half Cut Cells)	1500		
					xvii	Mono c-Sii Module	SSPL-36-180 (180 Wp)	SSPL-36-180	20.42	36(Half Cut Cells)	1500		
					xviii	Mono c-Sii Module	SSPL-36-175 (175 Wp)	SSPL-36-175	20.47	36(Half Cut Cells)	1500		
					xix	Mono c-Sii Module	SSPL-36-170 (170 Wp)	SSPL-36-170	20.43	36(Half Cut Cells)	1500		
					xx	Mono c-Sii Module	SSPL-36-160 (160 Wp)	SSPL-36-160	20.34	36(Half Cut Cells)	1500		
					xxi	Mono c-Sii Module	SSPL-36-150 (150 Wp)	SSPL-36-150	20.14	36(Half Cut Cells)	1500		
					xxii	Mono c-Sii Module	SSPL-36-140 (140 Wp)	SSPL-36-140	20.02	36(Half Cut Cells)	1500		
					xxiii	Mono c-Sii Module	SSPL-36-130 (130 Wp)	SSPL-36-130	20.01	36(Half Cut Cells)	1500		
					xxiv	Mono c-Sii Module	SSPL-36-125 (125 Wp)	SSPL-36-125	19.82	36(Half Cut Cells)	1500		
					xxv	Mono c-Sii Module	SSPL-36-120 (120 Wp)	SSPL-36-120	19.74	36(Half Cut Cells)	1500		
					xxvi	Mono c-Sii Module	SSPL-36-100 (100 Wp)	SSPL-36-100	19.35	36(Half Cut Cells)	1500		
					xxvii	Mono c-Sii Module	SSPL-36-90 (90 Wp)	SSPL-36-90	19.38	36(Half Cut Cells)	1500		
					xxviii	Mono c-Sii Module	SSPL-36-80(80 Wp)	SSPL-36-80	19.21	36(Half Cut Cells)	1500		
					xxix	Mono c-Sii Module	SSPL-36-75 (75 Wp)	SSPL-36-75	19.05	36(Half Cut Cells)	1500		
					xxx	Mono c-Sii Module	SSPL-36-70 (700 Wp)	SSPL-36-70	19.03	36(Half Cut Cells)	1500		
					xxxi	Mono c-Sii Module	SSPL-36-60 (60 Wp)	SSPL-36-60	19.02	36(Half Cut Cells)	1500		
					xxxii	Mono c-Sii Module	SSPL-36-50 (50 Wp)	SSPL-36-50	19.01	36(Half Cut Cells)	1500		
					xxxiii	Mono c-Sii Module	SSPL-36-40 (40 Wp)	SSPL-36-40	19.05	36(Half Cut Cells)	1500		
22	M/s. Bluebird Solar Pvt. Ltd	Plot No: 5, Ecotech-II, Udyog Vihar, Khasra No. 739, Greater Noida-201306, Uttar Pradesh, India	R-93014680	106	i	Mono c-Si PERC Modules	BBS24MF395 (395Wp)	BBS24MF380	19.10	72 (Full Cells)	1500	05.04.2024	04.04.2028
								BBS24MF385	19.35				
								BBS24MF390	19.60				
								BBS24MF395	19.85				
								BBS24MF400	20.10				
								BBS24MF405	20.35				
					ii	Mono c-Si PERC Module	BBS24MC460 (460Wp)	BBS24MC440	19.73	120 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								BBS24MC445	19.95				
								BBS24MC450	20.18				
								BBS24MC455	20.40				
								BBS24MC460	20.63				
								BBS24MC465	20.85				
								BBS24MC470	21.08				
								BBS24MC475	21.31				
					iii	Mono c-Si PERC Module	BBS24MC495 (495Wp)	BBS24MC480	19.45	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								BBS24MC485	19.65				
								BBS24MC490	19.85				
								BBS24MC495	20.05				
								BBS24MC500	20.25				
								BBS24MC505	20.46				
								BBS24MC510	20.66				
					iv	Mono c-Si PERC Module	BBS24MC525 (525Wp)	BBS24MC515	19.96	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								BBS24MC520	20.15				
								BBS24MC525	20.34				
								BBS24MC530	20.53				
								BBS24MC535	20.73				
								BBS24MC540	20.92				
								BBS24MC545	21.12				
								BBS24MC550	21.31				
					v	Bifacial Mono c-Si PERC Module	BBS24MC460-TB (460 Wp)	BBS24MC440-TB	19.76	120 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								BBS24MC445-TB	19.99				
								BBS24MC450-TB	20.21				
								BBS24MC455-TB	20.44				
								BBS24MC460-TB	20.66				
								BBS24MC465-TB	20.89				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								BBS24MC470-TB	21.11				
								BBS24MC475-TB	21.33				
					vi	Bifacial Mono c-Si PERC Module	BBS24MC495-TB (495 Wp)	BBS24MC480-TB	19.94	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								BBS24MC485-TB	20.14				
								BBS24MC490-TB	20.35				
								BBS24MC495-TB	20.56				
								BBS24MC500-TB	20.77				
								BBS24MC505-TB	20.97				
								BBS24MC510-TB	21.18				
					vii	Bifacial Mono c-Si PERC Module	BBS24MC525-TB (525 Wp)	BBS24MC520-TB	19.12	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								BBS24MC525-TB	19.31				
								BBS24MC530-TB	19.49				
								BBS24MC535-TB	19.67				
								BBS24MC540-TB	19.86				
								BBS24MC545-TB	20.04				
								BBS24MC550-TB	20.23				
					viii	Bifacial Mono c-Si PERC Module	BBS24MC570-TB (570 Wp)	BBS24MC555-TB	20.41	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								BBS24MC560-TB	20.59				
								BBS24MC565-TB	20.78				
								BBS24MC570-TB	20.96				
								BBS24MC575-TB	21.14				
					ix	Mono c-Si PERC Module	BBS24MC570 (570 Wp)	BBS24MC555	20.41	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								BBS24MC560	20.59				
								BBS24MC565	20.78				
								BBS24MC570	20.96				
								BBS24MC575	21.14				
23	**M/s. Rajasthan Electronics and Instruments Limited (REIL)**	**2, Kanakpura Industrial Area, Sirsi Road, Jaipur-302040**	**R-84003077**	**23**	i	Mono c-Si Module	385W72 (385 Wp)	390W72	20.07	72 (Full Cell)	1500	18.08.2024	17.08.2028
								385W72	19.82				
								380W72	19.56				
								375W72	19.30				
		Co-ALMM with M/s Sova Solar Ltd **Manufacturing Address: Layout Plot No: 25, E.P.I.P, Banskopa, Durgapur 713212, West Bengal**	**R-51002631**	**2 (As per Co-Branding Agreement)**	ii	Mono c-Si PERC Module	RSS535144HCMP (535Wp)	RSS520144HCMP	20.16	144 (Half Cut Cells)	1500	08.07.2024	31.03.2026
								RSS525144HCMP	20.35				
								RSS530144HCMP	20.54				
								RSS535144HCMP	20.74				
								RSS540144HCMP	20.93				
								RSS545144HCMP	21.13				
								RSS550144HCMP	21.32				
								RSS555144HCMP	21.51				
		Co-ALMM with M/s Cosmic PV Power Private Limited **Manufacturing Address: Survey No. 1605/1, Block No 2098/1/B, Tadkeshvar, Mandavi, Surat-394170, Gujarat**	**R-72010197**	**2 (As per Co-Branding Agreement)**	iii	Mono c-Si PERC Module	RCOS TWIN-530 (530 Wp)	RCOS TWIN-550	21.3	144 (Half Cut Cells)	1500	08.07.2024	17.03.2026
								RCOS TWIN-545	21.1				
								RCOS TWIN-540	20.9				
								RCOS TWIN-535	20.71				
								RCOS TWIN-530	20.51				
								RCOS TWIN-525	20.32				
								RCOS TWIN-520	20.13				
								RCOS TWIN-515	19.93				
								RCOS TWIN-510	19.74				
		Co-ALMM with M/s Grew Energy Private Limited **Manufacturing Address: Khasra No. 2215, 2216, 1654, 1655, 1656, 2217, 2214, DDDU Jaipur, Rajasthan-303008**	**R-84004561**	**2 (As per Co-Branding Agreement)**	iv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RGMB72HM10540 (540Wp)	RGMB72HM10550	21.29	144 (Half Cut Cells)	1500	08.07.2024	
								RGMB72HM10545	21.1				
								RGMB72HM10540	20.9				
								RGMB72HM10535	20.71				
								RGMB72HM10530	20.52				
								RGMB72HM10525	20.32				
					v	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RGMB66HM10495 (495Wp)	RGMB66HM10505	21.26	132 (Half Cut Cells)	1500	08.07.2024	
								RGMB66HM10500	21.05				
								RGMB66HM10495	20.83				
								RGMB66HM10490	20.62				
								RGMB66HM10485	20.41				
								RGMB66HM10480	20.2				
					vi	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	RGMB60HM10450 (450 Wp)	RGMB60HM10460	21.24	120 (Half Cut Cells)	1500	08.07.2024	
								RGMB60HM10455	21.01				
								RGMB60HM10450	20.78				
								RGMB60HM10445	20.54				
								RGMB60HM10440	20.31				
								RGMB60HM10435	20.08				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					vii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	RGMB54HM10405 (405 Wp)	RGMB54HM10415	21.21	108 (Half Cut Cells)	1500	08.07.2024	30.04.2026
								RGMB54HM10410	20.96				
								RGMB54HM10405	20.7				
								RGMB54HM10400	20.45				
								RGMB54HM10395	20.19				
								RGMB54HM10390	19.94				
					viii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	RGMB48HM10355 (355 Wp)	RGMB48HM10365	20.9	96 (Half Cut Cells)	1500	08.07.2024	
								RGMB48HM10360	20.61				
								RGMB48HM10355	20.33				
								RGMB48HM10350	20.04				
								RGMB48HM10345	19.75				
								RGMB48HM10340	19.47				
					ix	Mono c-Si PERC Modules	RGMF72HM10540 (540 Wp)	RGMF72HM10550	21.29	144 (Half Cut Cells)	1500	08.07.2024	
								RGMF72HM10545	21.1				
								RGMF72HM10540	20.9				
								RGMF72HM10535	20.71				
								RGMF72HM10530	20.52				
								RGMF72HM10525	20.32				
					x	Mono c-Si PERC Modules	RGMF66HM10495 (495 Wp)	RGMF66HM10505	21.26	132(Half Cut Cells)	1500	08.07.2024	
								RGMF66HM10500	21.05				
								RGMF66HM10495	20.83				
								RGMF66HM10490	20.62				
								RGMF66HM10485	20.41				
								RGMF66HM10480	20.2				
					xi	Mono c-Si PERC Modules	RGMF60HM10450 (450 Wp)	RGMF60HM10460	21.24	120 (Half Cut Cells)	1500	08.07.2024	
								RGMF60HM10455	21.01				
								RGMF60HM10450	20.78				
								RGMF60HM10445	20.54				
								RGMF60HM10440	20.31				
								RGMF60HM10435	20.08				
					xii	Mono c-Si PERC Modules	RGMF54HM10405 (405 Wp)	RGMF54HM10415	21.21	108 (Half Cut Cells)	1500	08.07.2024	
								RGMF54HM10410	20.96				
								RGMF54HM10405	20.7				
								RGMF54HM10400	20.45				
								RGMF54HM10395	20.19				
								RGMF54HM10390	19.94				
					xiii	Mono c-Si PERC Modules	RGMF48HM10355 (355 Wp)	RGMF48HM10365	20.9	96 (Half Cut Cells)	1500	08.07.2024	
								RGMF48HM10360	20.61				
								RGMF48HM10355	20.33				
								RGMF48HM10350	20.04				
								RGMF48HM10345	19.75				
								RGMF48HM10340	19.47				
24	**M/s. Sahaj Solar Private Ltd**	**Plot No. D4, Survey No. 742,745, Gallops Industrial Park, Village Rajoda, Sarkhej – Bavla Road, NH 8B, Ahmedabad, Gujarat – 382220, India**	**R-72005630**	**54**	i	Mono PERC c-Si Module	SS-535 (535 Wp)	SS-520	20.12	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								SS-525	20.31				
								SS-530	20.51				
								SS-535	20.70				
								SS-540	20.89				
								SS-545	21.09				
								SS-550	21.28				
					ii	Mono PERC c-Si Module	SS-132C495 (495 Wp)	SS-132C480	20.22	132 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								SS-132C485	20.43				
								SS-132C490	20.64				
								SS-132C495	20.86				
								SS-132C500	21.07				
								SS-132C505	21.27				
								SS-132C510	21.49				
								SS-132C515	21.70				
					iii	Mono PERC c-Si Module	SS-120C445 (445 Wp)	SS-120C440	20.34	120 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								SS-120C445	20.57				
								SS-120C450	20.79				
								SS-120C455	21.02				
25	**M/s. Raajratna Ventures Limited**	**Survey No. 69/2, Ahmedabad-Mehsana Highway, Opp Madhu Mill, Village Chandarda, Tal Kadi, Dist. Mehsana, Gujarat - 382715, India**	**R-72003379**	**79**	i	Mono c-Si PERC Modules	R435M (435Wp)	R420M	19.27	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								R425M	19.50				
								R430M	19.73				
								R435M	19.96				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
							[illegible]	R440M	20.18				
								R445M	20.41				
								R450M	20.64				
					ii	Mono c-Si PERC Modules	R530M (530Wp)	R510M	19.73	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								R515M	19.93				
								R520M	20.12				
								R525M	20.31				
								R530M	20.51				
								R535M	20.70				
								R540M	20.89				
								R545M	21.09				
								R550M	21.28				
26	M/s. Mundra Solar Energy Ltd	Taluka Mundra, Survey No.180/P, Sector-01,South Of APL/CGPL Power Plant, Near EMC Bridge,Tunda, Kachchh- 370435 Gujarat	R-72005460	1977	i	Mono c-Si PERC Modules	ASM-M10-144-525 (525Wp)	ASM-M10-144-500	19.48	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								ASM-M10-144-501	19.51				
								ASM-M10-144-502	19.55				
								ASM-M10-144-503	19.59				
								ASM-M10-144-504	19.63				
								ASM-M10-144-505	19.67				
								ASM-M10-144-506	19.71				
								ASM-M10-144-507	19.75				
								ASM-M10-144-508	19.79				
								ASM-M10-144-509	19.83				
								ASM-M10-144-510	19.86				
								ASM-M10-144-511	19.9				
								ASM-M10-144-512	19.94				
								ASM-M10-144-513	19.98				
								ASM-M10-144-514	20.02				
								ASM-M10-144-515	20.06				
								ASM-M10-144-516	20.1				
								ASM-M10-144-517	20.14				
								ASM-M10-144-518	20.18				
								ASM-M10-144-519	20.22				
								ASM-M10-144-520	20.25				
								ASM-M10-144-521	20.29				
								ASM-M10-144-522	20.33				
								ASM-M10-144-523	20.37				
								ASM-M10-144-524	20.41				
								ASM-M10-144-525	20.45				
								ASM-M10-144-526	20.49				
								ASM-M10-144-527	20.53				
								ASM-M10-144-528	20.57				
								ASM-M10-144-529	20.6				
								ASM-M10-144-530	20.64				
								ASM-M10-144-531	20.68				
								ASM-M10-144-532	20.72				
								ASM-M10-144-533	20.76				
								ASM-M10-144-534	20.8				
								ASM-M10-144-535	20.84				
								ASM-M10-144-536	20.88				
								ASM-M10-144-537	20.92				
								ASM-M10-144-538	20.96				
								ASM-M10-144-539	20.99				
								ASM-M10-144-540	21.03				
								ASM-M10-144-541	21.07				
								ASM-M10-144-542	21.11				
								ASM-M10-144-543	21.15				
								ASM-M10-144-544	21.18				
								ASM-M10-144-545	21.22				
								ASM-M10-144-546	21.27				
								ASM-M10-144-547	21.3				
								ASM-M10-144-548	21.34				
								ASM-M10-144-549	21.38				
								ASM-M10-144-550	21.42				
								ASB-M10-144-500	19.48				
								ASB-M10-144-501	19.51				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					ii	Bifacial Mono c-Si PERC Modules	ASB-M10-144-525 (525Wp)	ASB-M10-144-502	19.55	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								ASB-M10-144-503	19.59				
								ASB-M10-144-504	19.63				
								ASB-M10-144-505	19.67				
								ASB-M10-144-506	19.71				
								ASB-M10-144-507	19.75				
								ASB-M10-144-508	19.79				
								ASB-M10-144-509	19.83				
								ASB-M10-144-510	19.86				
								ASB-M10-144-511	19.9				
								ASB-M10-144-512	19.94				
								ASB-M10-144-513	19.98				
								ASB-M10-144-514	20.02				
								ASB-M10-144-515	20.06				
								ASB-M10-144-516	20.1				
								ASB-M10-144-517	20.14				
								ASB-M10-144-518	20.18				
								ASB-M10-144-519	20.22				
								ASB-M10-144-520	20.25				
								ASB-M10-144-521	20.29				
								ASB-M10-144-522	20.33				
								ASB-M10-144-523	20.37				
								ASB-M10-144-524	20.41				
								ASB-M10-144-525	20.45				
								ASB-M10-144-526	20.49				
								ASB-M10-144-527	20.53				
								ASB-M10-144-528	20.57				
								ASB-M10-144-529	20.6				
								ASB-M10-144-530	20.64				
								ASB-M10-144-531	20.68				
								ASB-M10-144-532	20.72				
								ASB-M10-144-533	20.76				
								ASB-M10-144-534	20.8				
								ASB-M10-144-535	20.84				
								ASB-M10-144-536	20.88				
								ASB-M10-144-537	20.92				
								ASB-M10-144-538	20.96				
								ASB-M10-144-539	20.99				
								ASB-M10-144-540	21.03				
								ASB-M10-144-541	21.07				
								ASB-M10-144-542	21.11				
								ASB-M10-144-543	21.15				
								ASB-M10-144-544	21.18				
								ASB-M10-144-545	21.22				
								ASB-M10-144-546	21.27				
								ASB-M10-144-547	21.3				
								ASB-M10-144-548	21.34				
								ASB-M10-144-549	21.38				
								ASB-M10-144-550	21.42				
					iii	Bifacial Mono c-Si PERC Modules	ASB-M10-144-553 (553)	ASB-M10-144-551	21.35	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								ASB-M10-144-552	21.39				
								ASB-M10-144-553	21.43				
								ASB-M10-144-554	21.46				
								ASB-M10-144-555	21.50				
								ASB-M10-144-560	21.70				
27	**M/s. Renewsys India Pvt. Ltd**	**Plot No. E141, Additional Industrial Area, MIDC, Patalganga, Tal. Panvel, Karade Khurd, Raigad-410202 Maharashtra**	**R-71018970**	**1060**	1	Bifacial Mono c-Si PERC Module	DESERV EXTREME-575 (575 Wp)	DESERV EXTREME-590	21.02	156 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								DESERV EXTREME-585	20.84				
								DESERV EXTREME-580	20.66				
								DESERV EXTREME-575	20.48				
								DESERV EXTREME-570	20.30				
								DESERV EXTREME-565	20.13				
					2	Bifacial Mono c-Si PERC	DESERV EXTREME-540	DESERV EXTREME-560	21.56	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								DESERV EXTREME-555	21.37				
								DESERV EXTREME-550	21.18				
								DESERV EXTREME-545	20.99				
								DESERV EXTREME-540	20.79				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					2	Module	(540 Wp)	DESERV EXTREME-535	20.60	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								DESERV EXTREME-530	20.41				
								DESERV EXTREME-525	20.22				
								DESERV EXTREME-520	20.02				
								DESERV EXTREME-515	19.83				
					3	Bifacial Mono c-Si PERC Module	DESERV EXTREME-500 (500 Wp)	DESERV EXTREME-510	19.63	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								DESERV EXTREME-505	19.44				
								DESERV EXTREME-500	19.25				
								DESERV EXTREME-495	19.06				
					4	Bifacial Mono c-Si PERC Module	DESERV EXTREME-455 (455 Wp)	DESERV EXTREME-455	20.91	120 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								DESERV EXTREME-450	20.68				
								DESERV EXTREME-445	20.45				
								DESERV EXTREME-440	20.22				
								DESERV EXTREME-435	19.99				
					5	Bifacial Mono c-Si PERC Module	DESERV EXTREME-415 (415 Wp)	DESERV EXTREME-420	21.44	108 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								DESERV EXTREME-415	21.18				
								DESERV EXTREME-410	20.93				
								DESERV EXTREME-405	20.67				
					6	Mono c-Si PERC Modules	DESERV SGALACTIC-575 (575Wp)	DESERV SGALACTIC-590	21.02	156 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								DESERV SGALACTIC-585	20.84				
								DESERV SGALACTIC-580	20.66				
								DESERV SGALACTIC-575	20.48				
								DESERV SGALACTIC-570	20.30				
								DESERV SGALACTIC-565	20.13				
					7	Mono c-Si PERC Module	DESERV SGALACTIC-555 (555 Wp)	DESERV SGALACTIC-560	21.56	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								DESERV SGALACTIC-555	21.37				
								DESERV SGALACTIC-550	21.18				
					8	Mono c-Si PERC Module	DESERV SGALACTIC-535 (535 Wp)	DESERV SGALACTIC-545	20.99	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								DESERV SGALACTIC-540	20.79				
								DESERV SGALACTIC-535	20.60				
								DESERV SGALACTIC-530	20.41				
								DESERV SGALACTIC-525	20.22				
								DESERV SGALACTIC-520	20.02				
								DESERV SGALACTIC-515	19.83				
								DESERV SGALACTIC-510	19.63	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
					9	Mono c-Si PERC Module	DESERV SGALACTIC-500 (500 Wp)	DESERV SGALACTIC-505	19.44				
								DESERV SGALACTIC-500	19.25				
								DESERV SGALACTIC-495	19.06				
					10	Mono c-Si PERC Module	DESERV SGALACTIC-465 (465 Wp)	DESERV SGALACTIC-465	21.37	120 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								DESERV SGALACTIC-460	21.14				
					11	Mono c-Si PERC Module	DESERV SGALACTIC-415 (415 Wp)	DESERV SGALACTIC-420	21.44	108 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								DESERV SGALACTIC-415	21.18				
								DESERV SGALACTIC-410	20.93				
								DESERV SGALACTIC-405	20.67				
28	**M/s. Waaree Energies Limited**	**Survey No. 1934, 1939, 1941, 1942, NH-48, Degam, Chikhali, Navasari, Gujarat - 396530, India**	**R-72005533**	**9668**	i	Bifacial N - Type TOPCon Module	BiN-17-615 (615 Wp)	BiN-17-605	21.64	156 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								BiN-17-610	21.82				
								BiN-17-615	22.00				
								BiN-17-620	22.18				
								BiN-17-625	22.36				
					ii	Bifacial N - Type TOPCon Module	BiN-08-570 (570 Wp)	BiN-08-560	21.68	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								BiN-08-565	21.87				
								BiN-08-570	22.07				
								BiN-08-575	22.26				
								BiN-08-580	22.45				
					iii	Mono c-Si PERC Modules	WSMD-540 (540Wp)	WSMD-520	20.2	144 (Half-Cut Cells)	1500	18.08.2024	17.08.2028
								WSMD-525	20.39				
								WSMD-530	20.58				
								WSMD-535	20.78				
								WSMD-540	20.97				
								WSMD-545	21.17				
								WSMD-550	21.36				
					iv	Mono c-Si PERC Modules	WSMD-600 (600Wp)	WSMD-580	20.35	120 (Half-Cut Cells)	1500	18.08.2024	17.08.2028
								WSMD-585	20.52				
								WSMD-590	20.7				
								WSMD-595	20.88				
								WSMD-600	21.06				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								WSMD-605	21.24				
					v	Mono c-Si PERC Modules	WSMD-650 (650Wp)	WSMD-630	20.16	132 (Half-Cut Cells)	1500	18.08.2024	17.08.2028
								WSMD-635	20.32				
								WSMD-640	20.48				
								WSMD-645	20.64				
								WSMD-650	20.8				
					vi	Bifacial Mono c-Si PERC Modules	Bi-55-540 (540Wp)	Bi-55-520	20.2	144 (Half-Cut Cells)	1500	18.08.2024	17.08.2028
								Bi-55-525	20.39				
								Bi-55-530	20.58				
								Bi-55-535	20.78				
								Bi-55-540	20.97				
								Bi-55-545	21.17				
								Bi-55-550	21.36				
					vii	Bifacial Mono c-Si PERC Modules	Bi-66-600 (600Wp)	Bi-66-580	20.35	120 (Half-Cut Cells)	1500	18.08.2024	17.08.2028
								Bi-66-585	20.52				
								Bi-66-590	20.7				
								Bi-66-595	20.88				
								Bi-66-600	21.06				
					viii	Bifacial Mono c-Si PERC Modules	Bi-68-650 (650Wp)	Bi-68-630	20.16	132 (Half-Cut Cells)	1500	18.08.2024	17.08.2028
								Bi-68-635	20.32				
								Bi-68-640	20.48				
								Bi-68-645	20.64				
								Bi-68-650	20.8				
29	**M/s. Goldi Sun Private Limited**	**City Survey No. 920, Vijalpore Road, TA, Distt. Navsari, Gujarat - 396445, India**	**R-72006149**	**3912**	i	Mono c-Si PERC Module	GS10-M144-WF-525 (525 Wp)	GS10-M144-WF-500	19.36	144 (Half-Cut Cells)	1500	27.09.2024	26.09.2028
								GS10-M144-WF-505	19.54				
								GS10-M144-WF-510	19.75				
								GS10-M144-WF-515	19.94				
								GS10-M144-WF-520	20.13				
								GS10-M144-WF-525	20.33				
								GS10-M144-WF-530	20.53				
								GS10-M144-WF-535	20.73				
								GS10-M144-WF-540	20.92				
								GS10-M144-WF-545	21.11				
								GS10-M144-WF-550	21.30				
					ii	Bifacial Mono c-Si PERC Module	GS10-B144-TF-535 (535Wp)	GS10-B144-TF-525	20.33	144 (Half-Cut Cells)	1500	27.09.2024	26.09.2028
								GS10-B144-TF-530	20.53				
								GS10-B144-TF-535	20.73				
								GS10-B144-TF-540	20.92				
								GS10-B144-TF-545	21.10				
								GS10-B144-TF-550	21.30				
					iii	Bifacial Mono c-Si PERC Module	GS10-B144-GF-535 (535Wp)	GS10-B144-GF-525	20.34	144 (Half-Cut Cells)	1500	27.09.2024	26.09.2028
								GS10-B144-GF-530	20.53				
								GS10-B144-GF-535	20.73				
								GS10-B144-GF-540	20.92				
								GS10-B144-GF-545	21.10				
								GS10-B144-GF-550	21.30				
					iv	Mono c-Si PERC Module	GS10-M132-WF-500 (500Wp)	GS10-M132-WF-500	21.06	132 (Half Cut Cells)	1500	27.09.2024	26.09.2028
								GS10-M132-WF-505	21.28				
					v	Bifacial N-Type TOPCon Module (Glass to Glass)	GS10-T144-GF-575 (575Wp)	GS10-T144-GF-555	21.47	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028
								GS10-T144-GF-560	21.67				
								GS10-T144-GF-565	21.86				
								GS10-T144-GF-570	22.05				
								GS10-T144-GF-575	22.26				
								GS10-T144-GF-580	22.45				
								GS10-T144-GF-585	22.64				
								GS10-T144-GF-590	22.83				
								GS10-T144-GF-595	23.03				
					vi	Bifacial-N-Type TOPCon Module (Glass to Glass)	GS10-T132-GF-535 (535Wp)	GS10-T132-GF-515	21.68	132 (Half Cut Cells)	1500	27.09.2024	26.09.2028
								GS10-T132-GF-520	21.89				
								GS10-T132-GF-525	22.10				
								GS10-T132-GF-530	22.31				
								GS10-T132-GF-535	22.52				
								GS10-T132-GF-540	22.73				
								GS10-T132-GF-545	22.94				
								GS10-T132-GF-550	23.15				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					vii	Bifacial-N-Type TOPCon Module (Glass to Glass)	GS10-T120-GF-485 (485Wp)	GS10-T120-GF-465	21.47	120 (Half Cut Cells)	1500	27.09.2024	26.09.2028
								GS10-T120-GF-470	21.70				
								GS10-T120-GF-475	21.93				
								GS10-T120-GF-480	22.16				
								GS10-T120-GF-485	22.39				
								GS10-T120-GF-490	22.62				
								GS10-T120-GF-495	22.85				
								GS10-T120-GF-500	23.08				
					viii	Bifacial-N-Type TOPCon Module (Glass to Glass)	GS10-T108-GF-425 (425Wp)	GS10-T108-GF-415	21.15	108 (Half Cut Cells)	1500	27.09.2024	26.09.2028
								GS10-T108-GF-420	21.41				
								GS10-T108-GF-425	21.66				
								GS10-T108-GF-430	21.92				
								GS10-T108-GF-435	22.17				
								GS10-T108-GF-440	22.43				
								GS10-T108-GF-445	22.68				
								GS10-T108-GF-450	22.94				
					ix	Bifacial-N-Type TOPCon Modules (Glass to Glass)	GS10-T144-GF-535 (535Wp)	GS10-T144-GF-520	20.13	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028
								GS10-T144-GF-525	20.32				
								GS10-T144-GF-530	20.52				
								GS10-T144-GF-535	20.71				
								GS10-T144-GF-540	20.90				
								GS10-T144-GF-545	21.10				
								GS10-T144-GF-550	21.29				
					x	Mono c-Si PERC Module	GS10-B108-TF-395 (395Wp)	GS10-B108-TF-390	19.88	108 (Half Cut Cells)	1500	27.09.2024	26.09.2028
								GS10-B108-TF-395	20.13				
								GS10-B108-TF-400	20.39				
								GS10-B108-TF-405	20.64				
30	**M/s. SASA Energy LLP**	**S.No. 193, Opposite Dargah, Morbi-Halvad Road, At-Nichi Mandal, Morbi – Rajkot, Gujarat - 363642, India**	**R-72005681**	**100**	i	Mono c-Si PERC Module	SASA265C-72 (265 Wp)	SASA255C-72	19.06	72 (Half cut Cells)	1500	27.09.2024	26.09.2028
								SASA260C-72	19.43			27.09.2024	26.09.2028
								SASA265C-72	19.80			27.09.2024	26.09.2028
								SASA270C-72	20.18			27.09.2024	26.09.2028
								SASA275C-72	20.55			27.09.2024	26.09.2028
					ii	Mono c-Si PERC Module	SASA350C-96 (350 Wp)	SASA335C-96	19.06	96 (Half Cut cells)	1500	27.09.2024	26.09.2028
								SASA340C-96	19.34			27.09.2024	26.09.2028
								SASA345C-96	19.63			27.09.2024	26.09.2028
								SASA350C-96	19.91			27.09.2024	26.09.2028
								SASA355C-96	20.20			27.09.2024	26.09.2028
								SASA360C-96	20.48			27.09.2024	26.09.2028
								SASA365C-96	20.76			27.09.2024	26.09.2028
					iii	Mono c-Si PERC Module	SASA395C-108 (395 Wp)	SASA375C-108	19.11	108 (Half Cut Cells)	1500	27.09.2024	26.09.2028
								SASA380C-108	19.37			27.09.2024	26.09.2028
								SASA385C-108	19.62			27.09.2024	26.09.2028
								SASA390C-108	19.88			27.09.2024	26.09.2028
								SASA395C-108	20.13			27.09.2024	26.09.2028
								SASA400C-108	20.39			27.09.2024	26.09.2028
								SASA405C-108	20.64			27.09.2024	26.09.2028

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								SASA410C-108	20.90			27.09.2024	26.09.2028
					iv	Mono c-Si PERC Module	SASA435C-120 (435 Wp)	SASA415C-120	19.11	120 (Half Cut Cells)	1500	27.09.2024	26.09.2028
								SASA420C-120	19.34			27.09.2024	26.09.2028
								SASA425C-120	19.57			27.09.2024	26.09.2028
								SASA430C-120	19.80			27.09.2024	26.09.2028
								SASA435C-120	20.03			27.09.2024	26.09.2028
								SASA440C-120	20.26			27.09.2024	26.09.2028
								SASA445C-120	20.49			27.09.2024	26.09.2028
								SASA450C-120	20.72			27.09.2024	26.09.2028
								SASA455C-120	20.95			27.09.2024	26.09.2028
					v	Mono c-Si PERC Module	SASA480C-132 (480 Wp)	SASA460C-132	19.41	132 (Half Cut Cells)	1500	27.09.2024	26.09.2028
								SASA465C-132	19.62			27.09.2024	26.09.2028
								SASA470C-132	19.83			27.09.2024	26.09.2028
								SASA475C-132	20.04			27.09.2024	26.09.2028
								SASA480C-132	20.25			27.09.2024	26.09.2028
								SASA485C-132	20.46			27.09.2024	26.09.2028
								SASA490C-132	20.67			27.09.2024	26.09.2028
								SASA495C-132	20.88			27.09.2024	26.09.2028
								SASA500C-132	21.10			27.09.2024	26.09.2028
					vi	Mono c-Si PERC Module	SASA525C-144 (525 Wp)	SASA500C-144	19.35	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028
								SASA505C-144	19.55			27.09.2024	26.09.2028
								SASA510C-144	19.74			27.09.2024	26.09.2028
								SASA515C-144	19.94			27.09.2024	26.09.2028
								SASA520C-144	20.13			27.09.2024	26.09.2028
								SASA525C-144	20.32			27.09.2024	26.09.2028
								SASA530C-144	20.52			27.09.2024	26.09.2028
								SASA535C-144	20.71			27.09.2024	26.09.2028
								SASA540C-144	20.90			27.09.2024	26.09.2028
								SASA545C-144	21.09			27.09.2024	26.09.2028
								SASA550C-144	21.29			27.09.2024	26.09.2028
					vii	Mono c-Si PERC Module	SASA390M72 (390 Wp)	SASA380M72	19.11	72 (Full Cells)	1500	27.09.2024	26.09.2028
								SASA385M72	19.37			27.09.2024	26.09.2028
								SASA390M72	19.62			27.09.2024	26.09.2028
								SASA395M72	19.87			27.09.2024	26.09.2028
								SASA400M72	20.17			27.09.2024	26.09.2028
					viii	Mono c-Si PERC Module	SASA355M66 (355 Wp)	SASA350M66	19.20	66 (Full Cells)	1500	27.09.2024	26.09.2028
								SASA355M66	19.48			27.09.2024	26.09.2028
								SASA360M66	19.75			27.09.2024	26.09.2028
					ix	Mono c-Si PERC Module	SASA325M60 (325 Wp)	SASA320M60	19.25	60 (Full Cells)	1500	27.09.2024	26.09.2028
								SASA325M60	19.55			27.09.2024	26.09.2028
								SASA330M60	19.85			27.09.2024	26.09.2028
					x	Mono c-Si PERC Module	SASA300M54 (300 Wp)	SASA290M54	19.30	54 (Full Cells)	1500	27.09.2024	26.09.2028
								SASA295M54	19.63			27.09.2024	26.09.2028
								SASA300M54	19.90			27.09.2024	26.09.2028
								SASA305M54	20.34			27.09.2024	26.09.2028
					xi	Mono c-Si PERC Module	SASA260M48 (260 Wp)	SASA255M48	19.00	48 (Full Cells)	1500	27.09.2024	26.09.2028
								SASA260M48	19.37			27.09.2024	26.09.2028
								SASA265M48	19.74			27.09.2024	26.09.2028
					xii	Mono c-Si PERC Module	SASA24MPC395 (395 Wp)	SASA24MPC385	19.17	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028
								SASA24MPC390	19.42			27.09.2024	26.09.2028
								SASA24MPC395	19.67			27.09.2024	26.09.2028
								SASA24MPC400	19.70			27.09.2024	26.09.2028
								SASA24MPC405	20.20			27.09.2024	26.09.2028
31	**M/s. SUNBOND Energy Pvt. Ltd.**	**S.No. 181/P2 Opp. 66 kV substation, Mitana- Padadhari Road , Mitana, Rajkot, Gujarat 363650, India**	**R-72005762**	**271**	i	Mono c-Si PERC Module	SEPLM10-525 (525 Wp)	SEPLM10-550	21.29	144 (Half Cut Cell)	1500	27.09.2024	26.09.2028
								SEPLM10-545	21.10				
								SEPLM10-540	20.90				
								SEPLM10-535	20.71				
								SEPLM10-530	20.52				
								SEPLM10-525	20.32				
								SEPLM10-520	20.13				
								SEPLM10-515	19.94				
								SEPLM10-510	19.74				
								SEPLM10-505	19.55				
								SEPLM10-500	19.36				
								SEPLM10-495	19.16				
								SEPLM10-480	20.1				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					ii	Mono c-Si PERC Module	SEPLM10-460 (460 Wp)	SEPLM10-475	19.89	132(Half Cut Cell)	1500	27.09.2024	26.09.2028
								SEPLM10-470	19.68				
								SEPLM10-465	19.47				
								SEPLM10-460	19.26				
								SEPLM10-455	19.05				
					iii	Mono c-Si PERC Module	SEPLM10-425 (425 Wp)	SEPLM10-440	20.2	120(Half Cut Cell)	1500	27.09.2024	26.09.2028
								SEPLM10-435	19.97				
								SEPLM10-430	19.74				
								SEPLM10-425	19.51				
								SEPLM10-420	19.28				
								SEPLM10-415	19.05				
					iv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	SEPLM10 B156-580 (580Wp)	SEPLM10 B156-600	21.47	156(Half Cut Cell)	1500	27.09.2024	26.09.2028
								SEPLM10 B156-595	21.29				
								SEPLM10 B156-590	21.11				
								SEPLM10 B156-585	20.94				
								SEPLM10 B156-580	20.76				
								SEPLM10 B156-575	20.58				
								SEPLM10 B156-570	20.4				
								SEPLM10 B156-565	20.22				
					v	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	SEPLM10 B144-540 (540Wp)	SEPLM10 B144-560	21.68	144(Half Cut Cell)	1500	27.09.2024	26.09.2028
								SEPLM10 B144-555	21.48				
								SEPLM10 B144-550	21.29				
								SEPLM10 B144-545	21.1				
								SEPLM10 B144-540	20.9				
								SEPLM10 B144-535	20.71				
								SEPLM10 B144-530	20.52				
					vi	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	SEPLM10 B132-500 (500Wp)	SEPLM10 B132-515	21.69	132(Half Cut Cell)	1500	27.09.2024	26.09.2028
								SEPLM10 B132-510	21.48				
								SEPLM10 B132-505	21.27				
								SEPLM10 B132-500	21.06				
								SEPLM10 B132-495	20.84				
								SEPLM10 B132-490	20.63				
					vii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	SEPLM10 B120-460 (460Wp)	SEPLM10 B120-480	22.21	120(Half Cut Cell)	1500	27.09.2024	26.09.2028
								SEPLM10 B120-475	21.98				
								SEPLM10 B120-470	21.74				
								SEPLM10 B120-465	21.51				
								SEPLM10 B120-460	21.28				
								SEPLM10 B120-455	21.05				
								SEPLM10 B120-450	20.82				
					viii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	SEPLM10 B108-420 (420Wp)	SEPLM10 B108-440	22.53	108(Half Cut Cell)	1500	27.09.2024	26.09.2028
								SEPLM10 B108-435	22.27				
								SEPLM10 B108-430	22.02				
								SEPLM10 B108-425	21.76				
								SEPLM10 B108-420	21.51				
								SEPLM10 B108-415	21.25				
								SEPLM10 B108-410	20.99				
								SEPLM10 B108-405	20.74				
					ix	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SEPLT16B 156-620 (620Wp)	SEPLT16B 156-640	22.9	156(Half Cut Cell)	1500	27.09.2024	26.09.2028
								SEPLT16B 156-635	22.72				
								SEPLT16B 156-630	22.55				
								SEPLT16B 156-625	22.37				
								SEPLT16B 156-620	22.19				
								SEPLT16B 156-615	22.01				
								SEPLT16B 156-610	21.83				
								SEPLT16B 156-605	21.65				
								SEPLT16B 156-600	21.47				
					x	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SEPLT16B 144-580 (580Wp)	SEPLT16B 144-595	23.03	144(Half Cut Cell)	1500	27.09.2024	26.09.2028
								SEPLT16B 144-590	22.84				
								SEPLT16B 144-585	22.64				
								SEPLT16B 144-580	22.45				
								SEPLT16B 144-575	22.26				
								SEPLT16B 144-570	22.06				
					xi	Bifacial N-Type TOPCon Module	SEPLT16B 132-540	SEPLT16B 132-560	23.58	132(Half Cut Cell)	1500	27.09.2024	26.09.2028
								SEPLT16B 132-555	23.37				
								SEPLT16B 132-550	23.16				
								SEPLT16B 132-545	22.95				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					xi	(Glass to Transparent Backsheet)	(540Wp)	SEPLT16B 132-540	22.74	132(Half Cut Cell)	1500	27.09.2024	26.09.2028
								SEPLT16B 132-535	22.53				
								SEPLT16B 132-530	22.32				
								SEPLT16B 132-525	22.11				
					xii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SEPLT16B 120-500 (500Wp)	SEPLT16B 120-510	23.59	120(Half Cut Cell)	1500	27.09.2024	26.09.2028
								SEPLT16B 120-505	23.36				
								SEPLT16B 120-500	23.13				
								SEPLT16B 120-495	22.9				
								SEPLT16B 120-490	22.67				
								SEPLT16B 120-485	22.44				
								SEPLT16B 120-480	22.21				
								SEPLT16B 120-475	21.98				
					xiii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	SEPLT16B 108-430 (430Wp)	SEPLT16B 108-450	23.04	108(Half Cut Cell)	1500	27.09.2024	26.09.2028
								SEPLT16B 108-445	22.79				
								SEPLT16B 108-440	22.53				
								SEPLT16B 108-435	22.27				
								SEPLT16B 108-430	22.02				
								SEPLT16B 108-425	21.76				
								SEPLT16B 108-420	21.51				
								SEPLT16B 108-415	21.25				
32	**M/s. Emmvee Photovoltaic Power Private Limited**	**Sy. No. 66-70/3, Pemmanahalli Village, Sompura Hobli, Dabaspet, Nelamangala Taluk, Bengaluru rural District, Karnataka**	**R-62002976**	**676**	i	Mono c-Si PERC Modules	E520HCMW144 (520 Wp)	E545HCMW144	21.10	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028
								E540HCMW144	20.90				
								E535HCMW144	20.71				
								E530HCMW144	20.52				
								E525HCMW144	20.32				
								E520HCMW144	20.13				
								E515HCMW144	19.94				
								E510HCMW144	19.74				
								E505HCMW144	19.55				
								E500HCMW144	19.36				
								E495HCMW144	19.16				
					ii	Bifacial Mono c-Si PERC Modules (Glass to Glass)	E520HCBG144 (520 Wp)	E545HCBG144	21.10	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028
								E540HCBG144	20.90				
								E535HCBG144	20.71				
								E530HCBG144	20.52				
								E525HCBG144	20.32				
								E520HCBG144	20.13				
								E515HCBG144	19.94				
								E510HCBG144	19.74				
								E505HCBG144	19.55				
								E500HCBG144	19.36				
								E495HCBG144	19.16				
					iii	Mono c-Si PERC Modules	E430HCMW120 (430 Wp)	E450HCMW120	20.74	120 (Half Cut Cells)	1500	27.09.2024	26.09.2028
								E445HCMW120	20.51				
								E440HCMW120	20.28				
								E435HCMW120	20.05				
								E430HCMW120	19.82				
								E425HCMW120	19.59				
								E420HCMW120	19.36				
								E415HCMW120	19.13				
					iv	Bifacial Mono c-Si PERC Modules (Glass to Glass)	E430HCBG120 (430 Wp)	E450HCBG120	20.74	120 (Half Cut Cells)	1500	27.09.2024	26.09.2028
								E445HCBG120	20.51				
								E440HCBG120	20.28				
								E435HCBG120	20.05				
								E430HCBG120	19.82				
								E425HCBG120	19.59				
								E420HCBG120	19.36				
								E415HCBG120	19.13				
					v	Mono c-Si PERC Modules	E550HCMW144 (550 Wp)	E550HCMW144	21.29	144 Half Cut Cells	1500	27.09.2024	26.09.2028
					vi	Bifacial Mono c-Si PERC Module (Glass to Glass)	E550HCBG144 (550 Wp)	E550HCBG144	21.29	144 Half Cut Cells	1500	27.09.2024	26.09.2028
					vii	Bifacial Mono c-Si PERC Modules	E395HCBG108 (395 Wp)	E385HCBG108	19.74	108 Half Cut Cells	1500	27.09.2024	26.09.2028
								E390HCBG108	20.00				
								E395HCBG108	20.25				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
						(Glass to Glass)	(395 Wp)	E400HCBG108	20.51				
								E405HCBG108	20.76				
					viii	Bifacial Mono c-Si PERC Module (Glass to Glass)	E490HCBG132 (490 Wp)	E480HCBG132	20.19	132 Half Cut Cells	1500	27.09.2024	26.09.2028
								E485HCBG132	20.40				
								E490HCBG132	20.61				
								E495HCBG132	20.82				
								E500HCBG132	21.03				
					ix	Mono c-Si PERC Module	E395HCMW108 (395 Wp)	E385HCMW108	19.74	108 Half Cut Cells	1500	27.09.2024	26.09.2028
								E390HCMW108	20.00				
								E395HCMW108	20.25				
								E400HCMW108	20.51				
								E405HCMW108	20.76				
					x	Mono c-Si PERC Module	E490HCMW132 (490 Wp)	E480HCMW132	20.19	132 Half Cut Cells	1500	27.09.2024	26.09.2028
								E485HCMW132	20.40				
								E490HCMW132	20.61				
								E495HCMW132	20.82				
								E500HCMW132	21.03				
					xi	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	E525HCBT144 (525 Wp)	E550HCBT144	21.29	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028
								E545HCBT144	21.10				
								E540HCBT144	20.90				
								E535HCBT144	20.71				
								E530HCBT144	20.52				
								E525HCBT144	20.32				
								E520HCBT144	20.13				
								E515HCBT144	19.94				
								E510HCBT144	19.74				
								E505HCBT144	19.55				
								E500HCBT144	19.35				
					xii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	E495HCBT144 (495 Wp)	E495HCBT144	19.16	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028
					xiii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	E490HCBT132 (490 Wp)	E500HCBT132	21.03	132 (Half Cut Cells)	1500	27.09.2024	26.09.2028
								E495HCBT132	20.81				
								E490HCBT132	20.60				
								E485HCBT132	20.39				
								E480HCBT132	20.18				
					xiv	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	E430HCBT120 (430 Wp)	E450HCBT120	20.74	120 (Half Cut Cells)	1500	27.09.2024	26.09.2028
								E445HCBT120	20.51				
								E440HCBT120	20.28				
								E435HCBT120	20.05				
								E430HCBT120	19.82				
								E425HCBT120	19.59				
								E420HCBT120	19.36				
					xv	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	E395HCBT108 (395 Wp)	E405HCBT108	20.76	108 (Half Cut Cells)	1500	27.09.2024	26.09.2028
								E400HCBT108	20.51				
								E395HCBT108	20.25				
								E390HCBT108	19.99				
								E385HCBT108	19.74				
					xvi	Bifacial N-Type TOPCon Modules (Glass to Glass)	E555HCBG144-T (555 Wp)	E580HCBG144-T	22.45	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028
								E575HCBG144-T	22.26				
								E570HCBG144-T	22.06				
								E565HCBG144-T	21.87				
								E560HCBG144-T	21.68				
								E555HCBG144-T	21.48				
								E550HCBG144-T	21.29				
								E545HCBG144-T	21.10				
								E540HCBG144-T	20.90				
								E535HCBG144-T	20.71				
								E530HCBG144-T	20.52				
					xvii	Bifacial N-Type TOPCon Modules (Glass to Glass)	E525HCBG144-T (525 Wp)	E525HCBG144-T	20.32	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028
								E530HCBG132-T	22.29				
								E525HCBG132-T	22.08				
								E520HCBG132-T	21.87				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					xviii	Bifacial N-Type TOPCon Modules (Glass to Glass)	E505HCBG132-T (505 Wp)	E515HCBG132-T	21.66	132 (Half Cut Cells)	1500	27.09.2024	26.09.2028
								E510HCBG132-T	21.45				
								E505HCBG132-T	21.24				
								E500HCBG132-T	21.03				
								E495HCBG132-T	20.81				
								E490HCBG132-T	20.60				
								E485HCBG132-T	20.39				
								E480HCBG132-T	20.18				
					xix	Bifacial N-Type TOPCon Modules (Glass to Glass)	E460HCBG120-T (460 Wp)	E480HCBG120-T	22.13	120 (Half Cut Cells)	1500	27.09.2024	26.09.2028
								E475HCBG120-T	21.90				
								E470HCBG120-T	21.66				
								E465HCBG120-T	21.43				
								E460HCBG120-T	21.20				
								E455HCBG120-T	20.97				
								E450HCBG120-T	20.74				
								E445HCBG120-T	20.51				
								E440HCBG120-T	20.28				
					xx	Bifacial N-Type TOPCon Modules (Glass to Glass)	E415HCBG108-T (415 Wp)	E435HCBG108-T	22.30	108 (Half Cut Cells)	1500	27.09.2024	26.09.2028
								E430HCBG108-T	22.04				
								E425HCBG108-T	21.79				
								E420HCBG108-T	21.53				
								E415HCBG108-T	21.28				
								E410HCBG108-T	21.02				
								E405HCBG108-T	20.76				
								E400HCBG108-T	20.51				
								E395HCBG108-T	20.25				
33	**M/s. Ganesh Green Bharat Limited (Formaly Known as M/s. Ganesh Electrical Pvt. Ltd.)**	**Survey No. 319/320/321, Tundali, Tundali approach road, Behind Honest Restaurant, Near Nadasan Flyover, Mehsna - 382732, Gujarat**	**R-72005886**	**579**	i	Bifacial Mono c-Si Perc Module (Glass to Glass)	SGMJ156BG-570 (570 Wp)	SGMJ156BG-595	21.28	156 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								SGMJ156BG-590	21.10				
								SGMJ156BG-585	20.92				
								SGMJ156BG-580	20.74				
								SGMJ156BG-575	20.56				
								SGMJ156BG-570	20.38				
								SGMJ156BG-565	20.20				
								SGMJ156BG-560	20.03				
								SGMJ156BG-555	19.85				
								SGMJ156BG-550	19.67				
								SGMJ156BG-545	19.49				
					ii	Bifacial Mono c-Si Perc Module (Glass to Glass)	SGMJ156BG-540 (540 Wp)	SGMJ156BG-540	19.31	156 (Half Cut Cells)	1500	25.01.2025	24.01.2029
					iii	Bifacial Mono c-Si Perc Module (Glass to Glass)	SGMJ144BG-525 (525 Wp)	SGMJ144BG-550	21.29	144 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								SGMJ144BG-545	21.10				
								SGMJ144BG-540	20.90				
								SGMJ144BG-535	20.71				
								SGMJ144BG-530	20.52				
								SGMJ144BG-525	20.32				
								SGMJ144BG-520	20.13				
								SGMJ144BG-515	19.94				
								SGMJ144BG-510	19.74				
								SGMJ144BG-505	19.55				
								SGMJ144BG-500	19.36				
					iv	Bifacial Mono c-Si Perc Module (Glass to Glass)	SGMJ144BG-495 (495 Wp)	SGMJ144BG-495	19.16	144 (Half Cut Cells)	1500	25.01.2025	24.01.2029
					v	Bifacial Mono c-Si Perc Module (Glass to Glass)	SGMJ132BG-480 (480 Wp)	SGMJ132BG-500	21.06	132 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								SGMJ132BG-495	20.85				
								SGMJ132BG-490	20.64				
								SGMJ132BG-485	20.42				
								SGMJ132BG-480	20.21				
								SGMJ132BG-475	20.00				
								SGMJ132BG-470	19.79				
								SGMJ132BG-465	19.58				
								SGMJ132BG-460	19.37				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					vi	Bifacial Mono c-Si Perc Module (Glass to Glass)	SGMJ132BG-455 (455 Wp)	SGMJ132BG-455	19.16	132 (Half Cut Cells)	1500	25.01.2025	24.01.2029
					vii	Bifacial Mono c-Si Perc Module (Glass to Glass)	SGMJ120BG-435 (435 Wp)	SGMJ120BG-455	21.01	120 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								SGMJ120BG-450	20.78				
								SGMJ120BG-445	20.55				
								SGMJ120BG-440	20.31				
								SGMJ120BG-435	20.08				
								SGMJ120BG-430	19.85				
								SGMJ120BG-425	19.62				
								SGMJ120BG-420	19.39				
								SGMJ120BG-415	19.16				
					viii	Bifacial Mono c-Si Perc Module (Glass to Glass)	SGMJ108BG-385 (385 Wp)	SGMJ108BG-395	20.18	108 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								SGMJ108BG-390	19.93				
								SGMJ108BG-385	19.67				
								SGMJ108BG-380	19.41				
								SGMJ108BG-375	19.16				
					ix	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	SGMJ156BT-585 (585 Wp)	SGMJ156BT-595	21.28	156 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								SGMJ156BT-590	21.10				
								SGMJ156BT-585	20.92				
								SGMJ156BT-580	20.74				
								SGMJ156BT-575	20.56				
								SGMJ156BT-570	20.38				
					x	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	SGMJ144BT-525 (525 Wp)	SGMJ144BT-550	21.29	144 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								SGMJ144BT-545	21.10				
								SGMJ144BT-540	20.90				
								SGMJ144BT-535	20.71				
								SGMJ144BT-530	20.52				
								SGMJ144BT-525	20.32				
								SGMJ144BT-520	20.13				
								SGMJ144BT-515	19.94				
								SGMJ144BT-510	19.74				
								SGMJ144BT-505	19.55				
								SGMJ144BT-500	19.36				
					xi	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	SGMJ144BT-495 (495 Wp)	SGMJ144BT-495	19.16	144 (Half Cut Cells)	1500	25.01.2025	24.01.2029
					xii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	SGMJ132BT-480 (480 Wp)	SGMJ132BT-500	21.06	132 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								SGMJ132BT-495	20.85				
								SGMJ132BT-490	20.64				
								SGMJ132BT-485	20.42				
								SGMJ132BT-480	20.21				
								SGMJ132BT-475	20.00				
								SGMJ132BT-470	19.79				
								SGMJ132BT-465	19.58				
								SGMJ132BT-460	19.37				
					xiii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	SGMJ132BT-455 (455 Wp)	SGMJ132BT-455	19.16	132 (Half Cut Cells)	1500	25.01.2025	24.01.2029
					xiv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	SGMJ120BT-435 (435 Wp)	SGMJ120BT-455	21.01	120 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								SGMJ120BT-450	20.78				
								SGMJ120BT-445	20.55				
								SGMJ120BT-440	20.31				
								SGMJ120BT-435	20.08				
								SGMJ120BT-430	19.85				
								SGMJ120BT-425	19.62				
								SGMJ120BT-420	19.39				
								SGMJ120BT-415	19.16				
					xv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	SGMJ108BT-385 (385 Wp)	SGMJ108BT-395	20.18	108 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								SGMJ108BT-390	19.93				
								SGMJ108BT-385	19.67				
								SGMJ108BT-380	19.41				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
						backsheet)		SGMJ108BT-375	19.16				
					xvi	Mono c-Si PERC Module	SGMJ96-350 (350 Wp)	SGMJ96-365	21.04	96 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								SGMJ96-360	20.76				
								SGMJ96-355	20.47				
								SGMJ96-350	20.18				
								SGMJ96-345	19.89				
								SGMJ96-340	19.60				
								SGMJ96-335	19.31				
								SGMJ96-330	19.03				
					xvii	Mono c-Si PERC Module	SGMJ84-315 (315 Wp)	SGMJ84-325	21.32	84 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								SGMJ84-320	20.99				
								SGMJ84-315	20.66				
								SGMJ84-310	20.33				
								SGMJ84-305	20.00				
								SGMJ84-300	19.68				
								SGMJ84-295	19.35				
					xviii	Mono c-Si PERC Module	SGMJ72-275 (275 Wp)	SGMJ72-285	21.68	72 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								SGMJ72-280	21.29				
								SGMJ72-275	20.91				
								SGMJ72-270	20.53				
								SGMJ72-265	20.15				
								SGMJ72-260	19.77				
					xix	Mono c-Si PERC Module	SGMJ60-240 (240 Wp)	SGMJ60-250	22.62	60 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								SGMJ60-245	22.17				
								SGMJ60-240	21.72				
								SGMJ60-235	21.27				
								SGMJ60-230	20.81				
								SGMJ60-225	20.36				
					xx	Mono c-Si PERC Module	SGMJ54-210 (210 Wp)	SGMJ54-220	22.00	54 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								SGMJ54-215	21.50				
								SGMJ54-210	21.00				
								SGMJ54-205	20.50				
								SGMJ54-200	20.00				
					xxi	Mono c-Si PERC Module	SGMJ48-175 (175 Wp)	SGMJ48-195	21.78	48 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								SGMJ48-190	21.22				
								SGMJ48-185	20.66				
								SGMJ48-180	20.11				
								SGMJ48-170	19.30				
					xxii	Mono c-Si PERC Module	SGMJ12-055 (55 Wp)	SGMJ12-060	21.50	12 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								SGMJ12-055	21.00				
					xxiii	Mono PERC C-Si Modules	SGM-390 (390 Wp)	SGM-400	20.61	72 (Full Cell)	1500	25.01.2025	24.01.2029
								SGM-395	20.36				
								SGM-390	20.01				
								SGM-385	19.84				
								SGM-380	19.58				
								SGM-375	19.33				
					xxiv	Mono PERC C-Si Modules	SGM-345 (345 Wp)	SGM-345	19.30	66 (Full Cell)	1500	25.01.2025	24.01.2029
								SGM-340	19.02				
					xxv	Mono PERC C-Si Modules	SGM-330 (330 Wp)	SGM-330	20.33	66 (Full Cell)	1500	25.01.2025	24.01.2029
					xxvi	Mono c-Si PERC Module	SGMJ144-535 (535Wp)	SGMJ144-520	20.13	144 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								SGMJ144-525	20.32				
								SGMJ144-530	20.52				
								SGMJ144-535	20.71				
								SGMJ144-540	20.90				
								SGMJ144-545	21.09				
								SGMJ144-550	21.29				
					xxvii	Mono c-Si PERC Module	SGMJ132-455 (455Wp)	SGMJ132-455	19.16	132 (Half Cut Cells)	1500	25.01.2025	24.01.2029
					xxviii	Mono c-Si PERC Module	SGMJ132-480 (480Wp)	SGMJ132-460	19.37	132 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								SGMJ132-465	19.58				
								SGMJ132-470	19.79				
								SGMJ132-475	20.00				
								SGMJ132-480	20.21				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
							(480Wp)	SGMJ132-485	20.42				
								SGMJ132-490	20.63				
								SGMJ132-495	20.84				
								SGMJ132-500	21.06				
					xxix	Mono c-Si PERC Module	SGMJ120-435 (435Wp)	SGMJ120-415	19.17	120 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								SGMJ120-420	19.40				
								SGMJ120-425	19.63				
								SGMJ120-430	19.86				
								SGMJ120-435	20.09				
								SGMJ120-440	20.32				
								SGMJ120-445	20.56				
								SGMJ120-450	20.79				
								SGMJ120-455	21.02				
					xxx	Mono c-Si PERC Module	SGMJ108-385 (385Wp)	SGMJ108-375	19.20	108 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								SGMJ108-380	19.46				
								SGMJ108-385	19.71				
								SGMJ108-390	19.97				
								SGMJ108-395	20.23				
34	**M/s. H R Solar Solution Private Limited**	**Raghudebpur, NH-6, Panchla, Block-Uluberia-II, Uluberia, Howrah - 711322, West Bengal**	**R-51001686**	**149**	vi	Bifacial Mono c-Si PERC Module	H525M144 (525)	H500M144	19.36	144 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								H505M144	19.55				
								H510M144	19.74				
								H515M144	19.94				
								H520M144	20.13				
								H525M144	20.32				
								H530M144	20.52				
								H535M144	20.71				
								H540M144	20.9				
								H545M144	21.10				
					vii	Mono c-Si PERC Module	H195M36 (195Wp)	H195M36	19.19	36(Full Cells)	1500	25.01.2025	24.01.2029
								H200M36	19.69				
					viii	Mono c-Si PERC Module	H350M96 (350Wp)	H335M96	19.16	96 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								H340M96	19.44				
								H345M96	19.73				
								H350M96	20.02				
								H355M96	20.3				
								H360M96	20.59				
					ix	Mono c-Si PERC Module	H390M108 (390Wp)	H375M108	19.16	108(Half Cut Cells)	1500	25.01.2025	24.01.2029
								H380M108	19.41				
								H385M108	19.67				
								H390M108	19.93				
								H395M108	20.18				
								H400M108	20.44				
								H405M108	20.69				
					x	Mono c-Si PERC Module	H430M120 (430Wp)	H415M120	19.16	120(Half Cut Cells)	1500	25.01.2025	24.01.2029
								H420M120	19.39				
								H425M120	19.62				
								H430M120	19.85				
								H435M120	20.08				
								H440M120	20.31				
								H445M120	20.55				
								H450M120	20.78				
					xi	Mono c-Si PERC Module	H480M132 (480Wp)	H460M132	19.37	132(Half Cut Cells)	1500	25.01.2025	24.01.2029
								H465M132	19.58				
								H470M132	19.79				
								H475M132	20.00				
								H480M132	20.21				
								H485M132	20.42				
								H490M132	20.64				
								H495M132	20.85				
								H500M132	21.06				
					xii	Mono c-Si PERC Module	H455M132 (455Wp)	H455M132	19.16	132(Half Cut Cells)	1500	25.01.2025	24.01.2029
								H295M84	19.16				
								H300M84	19.48				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					xiii	Mono c-Si PERC Module	H305M84 (305Wp)	H305M84	19.81	84(Half Cut Cells)	1500	25.01.2025	24.01.2029
								H310M84	20.13				
								H315M84	20.45				
								H320M84	20.78				
					xiv	Mono c-Si PERC Module	H260M72 (260Wp)	H255M72	19.15	72 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								H260M72	19.53				
								H265M72	19.91				
								H270M72	20.28				
					xv	Mono c-Si PERC Module	H230M64 (230Wp)	H230M64	19.33	64 (Half Cut Cells)	1500	25.01.2025	24.01.2029
								H235M64	19.75				
								H240M64	20.17				
					xvi	Mono c-Si PERC Module	H325M60 (325Wp)	H325M60	19.23	60 (Full Cells)	1500	25.01.2025	24.01.2029
								H330M60	19.53				
								H335M60	19.82				
								H340M60	20.12				
					xvii	Mono c-Si PERC Module	H400M72 (400Wp)	H385M72	19.11	72 (Full Cells)	1500	25.01.2025	24.01.2029
								H390M72	19.36				
								H395M72	19.61				
								H400M72	19.86				
								H405M72	20.11				
								H410M72	20.36				
					xviii	Mono c-Si PERC Module	H60M36 (60Wp)	H60M36	19.08	36(Half Cut Cells)	1500	25.01.2025	24.01.2029
					xix	Mono c-Si PERC Module	H65M36 (65Wp)	H65M36	19.09*	36(Half Cut Cells)	1500	25.01.2025	24.01.2029
					xx	Mono c-Si PERC Module	H75M36 (75Wp)	H75M36	19.07	36(Half Cut Cells)	1500	25.01.2025	24.01.2029
					xxi	Mono c-Si PERC Module	H80M36 (80Wp)	H80M36	19.18	36(Half Cut Cells)	1500	25.01.2025	24.01.2029
					xxii	Mono c-Si PERC Module	H85M36 (85Wp)	H85M36	19.12	36(Half Cut Cells)	1500	25.01.2025	24.01.2029
					xxiii	Mono c-Si PERC Module	H90M36 (90Wp)	H90M36	19.02	36(Half Cut Cells)	1500	25.01.2025	24.01.2029
					xxiv	Mono c-Si PERC Module	H95M36 (95Wp)	H95M36	19.27	36(Half Cut Cells)	1500	25.01.2025	24.01.2029
					xxv	Mono c-Si PERC Module	H100M36 (100Wp)	H100M36	19.38	36(Half Cut Cells)	1500	25.01.2025	24.01.2029
					xxvi	Mono c-Si PERC Module	H115M36 (115Wp)	H110M36	19.02	36(Half Cut Cells)	1500	25.01.2025	24.01.2029
								H115M36	19.89				
								H120M36	19.88				
					xxvii	Mono c-Si PERC Module	H125M36 (125Wp)	H125M36	19.59	36(Half Cut Cells)	1500	25.01.2025	24.01.2029
					xxviii	Mono c-Si PERC Module	H130M36 (130Wp)	H130M36	19.13	36(Half Cut Cells)	1500	25.01.2025	24.01.2029
								H135M36	19.86				
					xxix	Mono c-Si PERC Module	H140M36 (140Wp)	H140M36	19.60	36(Half Cut Cells)	1500	25.01.2025	24.01.2029
					xxx	Mono c-Si PERC Module	H150M36 (150Wp)	H150M36	19.79	36(Half Cut Cells)	1500	25.01.2025	24.01.2029
								H155M36	20.45				
					xxxi	Mono c-Si PERC Module	H165M36 (165Wp)	H160M36	19.64	36(Half Cut Cells)	1500	25.01.2025	24.01.2029
								H165M36	20.25				
					xxxii	Mono c-Si PERC Module	H175M36 (175Wp)	H170M36	19.47	36(Half Cut Cells)	1500	25.01.2025	24.01.2029
								H175M36	20.04				
								H180M36	20.61				
					xxxiii	Mono c-Si PERC Module	H185M36 (185Wp)	H185M36	20.07	36(Half Cut Cells)	1500	25.01.2025	24.01.2029
					xxxiv	Mono c-Si PERC Module	H195M36 (195Wp)	H190M36	19.05	36(Half Cut Cells)	1500	25.01.2025	24.01.2029
								H195M36	19.55				
								H200M36	20.05				
35	**M/s. Spark Solar Technologies Pvt. Ltd.**	**N-4, Rajlaxmi Hitech Textile Park, Sonale Village, Off. Mumbai Nasik Highway Bhiwandi, Thane-421302, Maharashtra**	**R-71023310**	**124**	i	Mono PERC C-Si Modules	SS 535-144R M10 (535 Wp)	SS 545-144R M10	21.12	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								SS 540-144R M10	20.92				
								SS 535-144R M10	20.73				
								SS 530-144R M10	20.54				
								SS 525-144R M10	20.34				
					ii	Mono PERC C-Si Modules	SS 495-132R M10 (495 Wp)	SS 500-132R M10	21.06	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								SS 495-132R M10	20.85				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								SS 490-132R M10	20.64				
					iii	Bifacial N-Type TOPCon Modules	SS 580-144 TB (580 Wp)	SS 600-144 TB	23.23	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SS 595-144 TB	23.03				
								SS 590-144 TB	22.84				
								SS 585-144 TB	22.64				
								SS 580-144 TB	22.45				
								SS 575-144 TB	22.26				
								SS 570-144 TB	22.06				
								SS 565-144 TB	21.87				
								SS 560-144 TB	21.68				
								SS 555-144 TB	21.48				
					iv	N-Type TOPCon Modules	SS 580-144 T (580 Wp)	SS 600-144 T	23.23	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SS 595-144 T	23.03				
								SS 590-144 T	22.84				
								SS 585-144 T	22.64				
								SS 580-144 T	22.45				
								SS 575-144 T	22.26				
								SS 570-144 T	22.06				
								SS 565-144 T	21.87				
								SS 560-144 T	21.68				
								SS 555-144 T	21.48				
					v	Bifacial N-Type TOPCon Modules	SS 545-132 TB (545 Wp)	SS 550-132 TB	23.16	132 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SS 545-132 TB	22.95				
								SS 540-132 TB	22.40				
								SS 535-132 TB	22.53				
					vi	N-Type TOPCon Modules	SS 545-132 T (545 Wp)	SS 550-132 T	23.16	132 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SS 545-132 T	22.95				
								SS 540-132 T	22.40				
36	**M/s. Rhine Solar Limited**	**Killa No. 80/6, Janti Kalan Rd, Sersa, Kundli, Sonipat-131028, Haryana**	**R-91008249**	**71**	i	Mono PERC C-Si Module	RSL72FM-380WP, (380 Wp)	RSL72FM-390WP	19.6	72 (Full Cell)	1500	31.05.2023	30.05.2027
								RSL72FM-380WP	19.4				
								RSL72FM-370WP	19.2				
					ii	Mono c-Si PERC Module	RSL590M (590 Wp)	RSL600M	21.28	156 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								RSL595M	21.11				
								RSL590M	20.94				
								RSL585M	20.77				
								RSL580M	20.60				
								RSL575M	20.40				
					iii	Mono c-Si PERC Module	RSL545M (545 Wp)	RSL570M	22.07	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								RSL565M	21.87				
								RSL560M	21.68				
								RSL555M	21.49				
								RSL550M	21.30				
								RSL545M	21.10				
								RSL540M	20.91				
								RSL535M	20.72				
								RSL530M	20.51				
								RSL525M	20.33				
					iv	Mono c-Si PERC Module	RSL500M (500 Wp)	RSL520M	21.70	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								RSL515M	21.48				
								RSL510M	21.28				
								RSL505M	21.06				
								RSL500M	20.86				
								RSL495M	20.65				
								RSL490M	20.44				
								RSL485M	20.23				
								RSL480M	20.03				
								RSL475M	19.81				
					v	Mono c-Si PERC Module	RSL470M (470 Wp)	RSL470M	19.61	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								RSL465M	19.40				
								RSL460M	21.04				
								RSL455M	20.82				
								RSL450M	20.59				
								RSL445M	20.35				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					vi	Mono c-Si PERC Module	RSL440M (440 Wp)	RSL440M	20.13	120 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								RSL435M	19.89				
								RSL430M	19.68				
								RSL425M	19.44				
								RSL420M	19.22				
					vii	Mono c-Si PERC Module	RSL380M (380 Wp)	RSL395M	20.03	108 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								RSL390M	19.76				
								RSL385M	19.51				
								RSL380M	19.26				
								RSL375M	19.01				
					viii	Mono c-Si PERC Module	RSL345M (345 Wp)	RSL360M	20.48	96 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								RSL355M	20.20				
								RSL350M	19.92				
								RSL345M	19.63				
								RSL340M	19.35				
								RSL335M	19.07				
37	M/s Swelect HHV Solar Photovoltaics Pvt. Ltd	SF – No. 169/1-2 , 168/3A-3E,169/4-9,166/1B1B,166/1B2A-2E,166/1B2L,166/1B2M, Kuppaepalayam Village, Avinashi Taluk, Coimbatore-641107, Tamil Nadu	R-61003433	703	i	Mono-PERC C-Si Module	SWM11BN6520 (520 Wp)	SWM11BN6540	20.77	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								SWM11BN6535	20.57				
								SWM11BN6530	20.38				
								SWM11BN6525	20.19				
								SWM11BN6520	20.00				
								SWM11BN6515	19.81				
								SWM11BN6510	19.62				
								SWM11BN6505	19.42				
								SWM11BN6500	19.23				
					ii	Mono-PERC C-Si Module	SWM11BN4475 (475 Wp)	SWM11BN4495	20.71	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								SWM11BN4490	20.50				
								SWM11BN4485	20.29				
								SWM11BN4480	20.09				
								SWM11BN4475	19.87				
								SWM11BN4470	19.66				
								SWM11BN4465	19.46				
								SWM11BN4460	19.25				
								SWM11BN4455	19.04				
					iii	Mono-PERC C-Si Module	SWM11BN2430 (430 Wp)	SWM11BN2450	20.65	120 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								SWM11BN2445	20.42				
								SWM11BN2440	20.19				
								SWM11BN2435	19.96				
								SWM11BN2430	19.73				
								SWM11BN2425	19.5				
								SWM11BN2420	19.27				
								SWM11BN2415	19.04				
					iv	Mono-PERC C-Si Module	SWM11BN0390 (390 Wp)	SWM11BN0405	20.57	108 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								SWM11BN0400	20.32				
								SWM11BN0395	20.06				
								SWM11BN0390	19.81				
								SWM11BN0385	19.55				
								SWM11BN0380	19.3				
								SWM11BN0375	19.05				
					v	Mono c-Si PERC Module	SWM11BB0385 (385 Wp)	SWM11BB0375	19.20	108 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWM11BB0380	19.46				
								SWM11BB0385	19.71				
								SWM11BB0390	19.97				
								SWM11BB0395	20.22				
								SWM11BB0400	20.48				
								SWM11BB0405	20.74				
								SWM11BB0410	20.99				
					vi	Mono c-Si PERC Module	SWM11BB2435 (435 Wp)	SWM11BB2415	19.17	120 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWM11BB2420	19.40				
								SWM11BB2425	19.63				
								SWM11BB2430	19.86				
								SWM11BB2435	20.10				
								SWM11BB2440	20.32				
								SWM11BB2445	20.56				
								SWM11BB2450	20.79				
								SWM11BB2455	21.02				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					vii	Mono c-Si PERC Module	SWM11BB4470 (470 Wp)	SWM11BB4455	19.16	132 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWM11BB4460	19.37				
								SWM11BB4465	19.58				
								SWM11BB4470	19.79				
								SWM11BB4475	20.00				
								SWM11BB4480	20.21				
								SWM11BB4485	20.42				
								SWM11BB4490	20.63				
					viii	Mono c-Si PERC Module	SWM11BB4500 (500 Wp)	SWM11BB4495	20.84	132 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWM11BB4500	21.06				
					ix	Mono c-Si PERC Module	SWM11BB6525 (525 Wp)	SWM11BB6500	19.35	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWM11BB6505	19.55				
								SWM11BB6510	19.74				
								SWM11BB6515	19.94				
								SWM11BB6520	20.13				
								SWM11BB6525	20.32				
								SWM11BB6530	20.52				
								SWM11BB6535	20.71				
								SWM11BB6540	20.90				
								SWM11BB6545	21.10				
								SWM11BB6550	21.29				
					x	Mono c-Si PERC Module	SWM11BB8560 (560 Wp)	SWM11BB8540	19.32	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWM11BB8545	19.50				
								SWM11BB8550	19.67				
								SWM11BB8555	19.85				
								SWM11BB8560	20.03				
								SWM11BB8565	20.21				
								SWM11BB8570	20.39				
								SWM11BB8575	20.57				
								SWM11BB8580	20.75				
								SWM11BB8585	20.93				
					xi	Mono c-Si PERC Module	SWM11BB8595 (595 Wp)	SWM11BB8590	21.11	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWM11BB8595	21.28				
					xii	Bifacial Mono c-Si PERC Module	SWM11BT0385 (385 Wp)	SWM11BT0375	19.20	108 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWM11BT0380	19.46				
								SWM11BT0385	19.71				
								SWM11BT0390	19.97				
								SWM11BT0395	20.22				
								SWM11BT0400	20.48				
								SWM11BT0405	20.74				
								SWM11BT0410	20.99				
					xiii	Bifacial Mono c-Si PERC Module	SWM11BT2435 (435 Wp)	SWM11BT2415	19.17	120 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWM11BT2420	19.40				
								SWM11BT2425	19.63				
								SWM11BT2430	19.86				
								SWM11BT2435	20.10				
								SWM11BT2440	20.32				
								SWM11BT2445	20.56				
								SWM11BT2450	20.79				
								SWM11BT2455	21.02				
					xiv	Bifacial Mono c-Si PERC Module	SWM11BT4470 (470 Wp)	SWM11BT4455	19.16	132 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWM11BT4460	19.37				
								SWM11BT4465	19.58				
								SWM11BT4470	19.79				
								SWM11BT4475	20.00				
								SWM11BT4480	20.21				
								SWM11BT4485	20.42				
								SWM11BT4490	20.63				
					xv	Bifacial Mono c-Si PERC Module	SWM11BT4500 (500 Wp)	SWM11BT4495	20.84	132 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWM11BT4500	21.06				
					xvi	Bifacial Mono c-Si PERC Module	SWM11BT6525 (525 Wp)	SWM11BT6500	19.35	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWM11BT6505	19.55				
								SWM11BT6510	19.74				
								SWM11BT6515	19.94				
								SWM11BT6520	20.13				
								SWM11BT6525	20.32				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
						Module		SWM11BT6530	20.52				
								SWM11BT6535	20.71				
								SWM11BT6540	20.90				
								SWM11BT6545	21.10				
								SWM11BT6550	21.29				
					xvii	Bifacial Mono c-Si PERC Module	SWM11BT8560 (560 Wp)	SWM11BT8540	19.32	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWM11BT8545	19.50				
								SWM11BT8550	19.67				
								SWM11BT8555	19.85				
								SWM11BT8560	20.03				
								SWM11BT8565	20.21				
								SWM11BT8570	20.39				
								SWM11BT8575	20.57				
								SWM11BT8580	20.75				
								SWM11BT8585	20.93				
					xviii	Bifacial Mono c-Si PERC Module	SWM11BT8595 (595 Wp)	SWM11BT8590	21.11	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWM11BT8595	21.28				
					xix	Mono c-Si PERC Module	SWM11BN6550 (550 Wp)	SWM11BN6545	20.96	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWM11BN6550	21.15				
					xx	Mono c-Si PERC Module	SWM11BN8560 (560 Wp)	SWM11BN8535	19.03	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWM11BN8540	19.21				
								SWM11BN8545	19.39				
								SWM11BN8550	19.57				
								SWM11BN8555	19.74				
								SWM11BN8560	19.92				
								SWM11BN8565	20.10				
								SWM11BN8570	20.28				
								SWM11BN8575	20.46				
								SWM11BN8580	20.63				
								SWM11BN8585	20.81				
					xxi	Mono c-Si PERC Module	SWM11BN8595 (595 Wp)	SWM11BN8590	20.99	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWM11BN8595	21.17				
					xxii	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG0395 (395 Wp)	SWT15BG0380	19.46	108 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWT15BG0385	19.72				
								SWT15BG0390	19.97				
								SWT15BG0395	20.23				
								SWT15BG0400	20.48				
								SWT15BG0405	20.74				
					xxiii	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG0425 (425 Wp)	SWT15BG0410	21.00	108 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWT15BG0415	21.25				
								SWT15BG0420	21.51				
								SWT15BG0425	21.76				
								SWT15BG0430	22.02				
								SWT15BG0435	22.28				
					xxiv	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG2435 (435 Wp)	SWT15BG2420	19.40	120 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWT15BG2425	19.63				
								SWT15BG2430	19.86				
								SWT15BG2435	20.09				
								SWT15BG2440	20.33				
								SWT15BG2445	20.56				
					xxv	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG2465 (465 Wp)	SWT15BG2450	20.79	120 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWT15BG2455	21.02				
								SWT15BG2460	21.25				
								SWT15BG2465	21.48				
								SWT15BG2470	21.71				
								SWT15BG2475	21.94				
								SWT15BG2480	22.17				
					xxvi	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG4480 (480 Wp)	SWT15BG4465	19.58	132 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWT15BG4470	19.79				
								SWT15BG4475	20.00				
								SWT15BG4480	20.21				
								SWT15BG4485	20.42				
								SWT15BG4490	20.64				
								SWT15BG4495	20.85				
								SWT15BG4500	21.06				
								SWT15BG4505	21.27				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					xxvii	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG4515 (515 Wp)	SWT15BG4510	21.48	132 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWT15BG4515	21.69				
								SWT15BG4520	21.90				
								SWT15BG4525	22.11				
								SWT15BG4530	22.32				
					xxviii	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG6525 (525 Wp)	SWT15BG6505	19.55	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWT15BG6510	19.74				
								SWT15BG6515	19.94				
								SWT15BG6520	20.13				
								SWT15BG6525	20.32				
								SWT15BG6530	20.52				
								SWT15BG6535	20.71				
								SWT15BG6540	20.90				
					xxix	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG6565 (565 Wp)	SWT15BG6545	21.10	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWT15BG6550	21.29				
								SWT15BG6555	21.48				
								SWT15BG6560	21.68				
								SWT15BG6565	21.87				
								SWT15BG6570	22.07				
								SWT15BG6575	22.26				
								SWT15BG6580	22.45				
					xxx	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG8570 (570 Wp)	SWT15BG8550	19.68	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWT15BG8555	19.85				
								SWT15BG8560	20.03				
								SWT15BG8565	20.21				
								SWT15BG8570	20.39				
								SWT15BG8575	20.57				
								SWT15BG8580	20.75				
								SWT15BG8585	20.93				
					xxxi	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG8610 (610 Wp)	SWT15BG8590	21.11	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWT15BG8595	21.29				
								SWT15BG8600	21.46				
								SWT15BG8605	21.64				
								SWT15BG8610	21.82				
								SWT15BG8615	22.00				
								SWT15BG8620	22.18				
								SWT15BG8625	22.36				
								SWT15BG8630	22.54				
38	**M/s. SAEL Solar Mfg Private Limited**	**Village-Hukumat Singh Wala, Moga Road, Ferozepur-142052, Punjab**	**R-97001058**	**184**	i	Mono c-Si PERC Module	SL72M6-390 (390 Wp)	SL72M6-380	19.15	72 (Full Cell)	1500	31.05.2023	30.05.2027
								SL72M6-385	19.40				
								SL72M6-390	19.64				
								SL72M6-395	19.90				
								SL72M6-400	20.15				
								SL72M6-405	20.40				
					ii	Mono c-Si PERC Module	SL144HC-530 (530 Wp)	SL144HC-505	19.54	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SL144HC-510	19.73				
								SL144HC-515	19.93				
								SL144HC-520	20.12				
								SL144HC-525	20.31				
								SL144HC-530	20.50				
								SL144HC-535	20.70				
								SL144HC-540	20.97				
								SL144HC-545	21.08				
								SL144HC-550	21.28				
								SL144HC-555	21.47				
					iii	N-Type TOPCon Module	SL144GTG-580T (580Wp)	SL144GTG-590T	22.87	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SL144GTG-585T	22.68				
								SL144GTG-580T	22.48				
								SL144GTG-575T	22.29				
								SL144GTG-570T	22.09				
								SL144GTG-565T	21.9				
39	**M/s. Insolation Green Energy Pvt. Ltd**	**Khasra No 11/1, 1136/9, Chomu, Jatavali, Jaipur-302001, Rajasthan**	**R-84003549**	**617**	i	Mono PERC c-Si Modules	INA-144MHC-WF-530 (530Wp)	INA-144MHC-WF-520	20.14	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								INA-144MHC-WF-525	20.33				
								INA-144MHC-WF-530	20.53				
								INA-144MHC-WF-535	20.72				
								INA-144MHC-WF-540	20.91				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								INA-144MHC-WF-545	21.11				
					ii	Bifacial Mono PERC c-Si Modules	INA-144MHC-TF-530 (530Wp)	INA-144MHC-TF-520	20.14	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								INA-144MHC-TF-525	20.33				
								INA-144MHC-TF-530	20.53				
								INA-144MHC-TF-535	20.72				
								INA-144MHC-TF-540	20.91				
								INA-144MHC-TF-545	21.11				
					iii	Mono PERC c-Si Modules	INA-132MHC-WF-490 (490Wp)	INA-132MHC-WF-480	20.19	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								INA-132MHC-WF-485	20.41				
								INA-132MHC-WF-490	20.62				
								INA-132MHC-WF-495	20.83				
								INA-132MHC-WF-500	21.04				
					iv	Bifacial Mono PERC c-Si Modules	INA-132MHC-TF-490 (490Wp)	INA-132MHC-TF-480	20.19	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								INA-132MHC-TF-485	20.41				
								INA-132MHC-TF-490	20.62				
								INA-132MHC-TF-495	20.83				
								INA-132MHC-TF-500	21.04				
					v	Mono PERC c-Si Modules	INA-120MHC-WF-440 (440Wp)	INA-120MHC-WF-435	20.04	120 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								INA-120MHC-WF-440	20.27				
								INA-120MHC-WF-445	20.50				
								INA-120MHC-WF-450	20.73				
					vi	Bifacial Mono PERC c-Si Modules	INA-120MHC-TF-440 (440Wp)	INA-120MHC-TF-435	20.04	120 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								INA-120MHC-TF-440	20.27				
								INA-120MHC-TF-445	20.50				
								INA-120MHC-TF-450	20.73				
					vii	Mono PERC c-Si Modules	INA-108MHC-WF-395 (395Wp)	INA-108MHC-WF-390	19.86	108 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								INA-108MHC-WF-395	20.11				
								INA-108MHC-WF-400	20.37				
								INA-108MHC-WF-405	20.62				
					viii	Bifacial Mono PERC c-Si Modules	INA-108MHC-TF-395 (395Wp)	INA-108MHC-TF-390	19.86	108 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								INA-108MHC-TF-395	20.11				
								INA-108MHC-TF-400	20.37				
								INA-108MHC-TF-405	20.62				
					ix	Mono c-Si PERC Module	INA-144MHC-WF-555	INA-144MHC-WF-550	21.29	144 Half Cut Cells	1500	31.05.2023	30.05.2027
								INA-144MHC-WF-555	21.48				
								INA-144MHC-WF-560	21.68				
					x	Bifacial Mono c-Si PERC Module	INA-144MHC-TF-555	INA-144MHC-TF-550	21.29	144 Half Cut Cells	1500	31.05.2023	30.05.2027
								INA-144MHC-TF-555	21.48				
								INA-144MHC-TF-560	21.68				
40	M/s. Australian Premium Solar (India) Pvt. Ltd	Tajpur, National Highway No. 08, Ta: Prantij, Dist: Sabarkantha - 383205, Gujarat	R-72001791	287	i	Mono c-Si PERC Module	APSAM-520/144 (520Wp)	APSAM-545/144	21.12	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								APSAM-540/144	20.91				
								APSAM-535/144	20.73				
								APSAM-530/144	20.53				
								APSAM-525/144	20.35				
								APSAM-520/144	20.16				
								APSAM-515/144	19.98				
								APSAM-510/144	19.79				
								APSAM-505/144	19.60				
								APSAM-500/144	19.42				
					ii	Mono c-Si PERC Module	APSAM-485/132 (485Wp)	APSAM-495/132	20.85	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								APSAM-490/132	20.64				
								APSAM-485/132	20.43				
								APSAM-480/132	20.22				
								APSAM-475/132	20.01				
					iii	Mono c-Si PERC Module	APSAM-440/120 (440Wp)	APSAM-450/120	20.73	120 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								APSAM-445/120	20.50				
								APSAM-440/120	20.27				
								APSAM-435/120	20.04				
					iv	Mono c-Si PERC Module	APSAM-400/108 (400Wp)	APSAM-410/108	20.98	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								APSAM-405/108	20.72				
								APSAM-400/108	20.47				
								APSAM-395/108	20.21				
								APSAM-390/108	19.96				
					v	Mono c-Si PERC Module	APSAM-360/96 (360Wp)	APSAM-365/96	20.92	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								APSAM-360/96	20.64				
								APSAM-355/96	20.35				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								APSAM-350/96	20.06				
					vi	Mono c-Si PERC Module	APSAM-265/72 (265Wp)	APSAM-275/72	20.82	72 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								APSAM-270/72	20.45				
								APSAM-265/72	20.07				
								APSAM-260/72	19.69				
					vii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	APSBF-530/144 (530 Wp)	APSBF-555/144	21.48	144 (Half Cut Cell)	1500	14.06.2024	01.01.2025
								APSBF-5501/144	21.29				
								APSBF-545/144	21.10				
								APSBF-540/144	20.90				
								APSBF-535/144	20.71				
								APSBF-530/144	20.52				
								APSBF-525/144	20.32				
								APSBF-520/144	20.13				
								APSBF-515/144	19.94				
								APSBF-510/144	19.74				
								APSBF-505/144	19.55				
					viii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	APSBF-500/132(500 Wp)	APSBF-510/132	21.49	132 (Half Cut Cell)	1500	14.06.2024	01.01.2025
								APSBF-505/132	21.28				
								APSBF-500/132	21.07				
								APSBF-495/132	20.86				
								APSBF-490/132	20.64				
								APSBF-485/132	20.43				
								APSBF-480/132	20.22				
								APSBF-475/132	20.01				
					ix	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	APSBF-450/120(450 Wp)	APSBF-465/120	21.49	120(Half Cut Cell)	1500	14.06.2024	01.01.2025
								APSBF-460/120	21.26				
								APSBF-455/120	21.03				
								APSBF-450/120	20.80				
								APSBF-445/120	20.57				
								APSBF-440/120	20.34				
								APSBF-435/120	20.10				
					x	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	APSBF-410/108(410 Wp)	APSBF-420/108	21.50	108(Half Cut Cell)	1500	14.06.2024	01.01.2025
								APSBF-415/108	21.24				
								APSBF-410/108	20.98				
								APSBF-405/108	20.73				
								APSBF-400/108	20.47				
					xi	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	APSBF-365/96(365 Wp)	APSBF-370/96	21.21	96(Half Cut Cell)	1500	14.06.2024	01.01.2025
								APSBF-365/96	20.93				
								APSBF-360/96	20.64				
					xii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	APSBF-280/72(280 Wp)	APSBF-290/72	21.89	72(Half Cut Cell)	1500	14.06.2024	01.01.2025
								APSBF-285/72	21.52				
								APSBF-280/72	21.14				
								APSBF-275/72	20.76				
					xiii	Mono c-Si PERC Module	APSAM-505/132(505 Wp)	APSAM-500/132	21.07	132(Half Cut Cell)	1500	27.05.2024	01.01.2025
								APSAM-505/132	21.28				
					xiv	Mono c-Si PERC Module	APSAM-555/144(555 Wp)	APSAM-550/132	21.29	144(Half Cut Cell)	1500	27.05.2024	01.01.2025
								APSAM-555/132	21.48				
								APSAM-560/132	21.68				
41	M/s. Orb Energy Private Limited	No. 95, Digital Park Road, 2nd Stage, Yeshwanthapura, Bangalore - 560022, Karnataka	R-62001708	71	i	Mono c-Si PERC Modules	Orb410M66-15 (410Wp)	Orb410M66-15	21.02	66 (Full Cell)	1500	01.09.2023	31.08.2027
								Orb405M66-15	20.77				
								Orb400M66-15	20.51				
								Orb395M66-15	20.25				
								Orb390M66-15	20.00				
					ii	Mono c-Si PERC Modules	Orb450M72-15 (450Wp)	Orb450M72-15	21.19	72 (Full Cell)	1500	01.09.2023	31.08.2027
								Orb445M72-15	20.95				
								Orb440M72-15	20.72				
								Orb435M72-15	20.48				
								Orb430M72-15	20.25				
42	M/s. Solex Energy Limited	Plot No 1A, Block 938, Tadkeshwar, Kim Mandvi Road, Mandvi, Surat-394110, Gujarat	R-72008125	581	i	Mono c-Si PERC Module	SMF72HM10-510 (510Wp)	SMF72HM10-500	19.36	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMF72HM10-505	19.55				
								SMF72HM10-510	19.74				
								SMF72HM10-515	19.94				
								SMF72HM10-520	20.13				
								SMF72HM10-525	20.32				
								SMF72HM10-530	20.52				
								SMF72HM10-535	20.71				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					ii	Mono c-Si PERC Module	SMF72HM10-540 (540Wp)	SMF72HM10-540	20.91	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMF72HM10-545	21.10				
								SMF72HM10-550	21.30				
								SMF72HM10-555	21.49				
					iii	Mono c-Si PERC Module	SMFB72HM10-510 (510Wp)	SMFB72HM10-500	19.36	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMFB72HM10-505	19.55				
								SMFB72HM10-510	19.74				
								SMFB72HM10-515	19.94				
								SMFB72HM10-520	20.13				
								SMFB72HM10-525	20.32				
					iv	Mono c-Si PERC Module	SMFB72HM10-540 (540Wp)	SMFB72HM10-530	20.52	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMFB72HM10-535	20.71				
								SMFB72HM10-540	20.91				
								SMFB72HM10-545	21.10				
								SMFB72HM10-550	21.30				
								SMFB72HM10-555	21.49				
					v	Mono c-Si PERC Module	SMF66HM10-475 (475Wp)	SMF66HM10-460	19.37	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMF66HM10-465	19.59				
								SMF66HM10-470	19.80				
								SMF66HM10-475	20.02				
								SMF66HM10-480	20.24				
					vi	Mono c-Si PERC Module	SMF66HM10-495 (495Wp)	SMF66HM10-485	20.44	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMF66HM10-490	20.65				
								SMF66HM10-495	20.86				
								SMF66HM10-500	21.07				
								SMF66HM10-505	21.28				
					vii	Mono c-Si PERC Module	SMFB66HM10-475 (475Wp)	SMFB66HM10-460	19.37	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMFB66HM10-465	19.59				
								SMFB66HM10-470	19.80				
								SMFB66HM10-475	20.02				
								SMFB66HM10-480	20.24				
					viii	Mono c-Si PERC Module	SMFB66HM10-495 (495Wp)	SMFB66HM10-485	20.44	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMFB66HM10-490	20.65				
								SMFB66HM10-495	20.86				
								SMFB66HM10-500	21.07				
								SMFB66HM10-505	21.28				
					ix	Mono c-Si PERC Module	SMF60HM10-440 (440Wp)	SMF60HM10-420	19.37	120 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMF60HM10-425	19.61				
								SMF60HM10-430	19.83				
								SMF60HM10-435	20.06				
								SMF60HM10-440	20.29				
								SMF60HM10-445	20.51				
								SMF60HM10-450	20.75				
								SMF60HM10-455	20.98				
								SMF60HM10-460	21.21				
					x	Mono c-Si PERC Module	SMFB60HM10-440 (440Wp)	SMFB60HM10-420	19.37	120 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMFB60HM10-425	19.61				
								SMFB60HM10-430	19.83				
								SMFB60HM10-435	20.06				
								SMFB60HM10-440	20.29				
								SMFB60HM10-445	20.51				
								SMFB60HM10-450	20.75				
								SMFB60HM10-455	20.98				
								SMFB60HM10-460	21.21				
					xi	Mono c-Si PERC Module	SMF54HM10-385 (385Wp)	SMF54HM10-375	19.20	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMF54HM10-380	19.46				
								SMF54HM10-385	19.73				
								SMF54HM10-390	19.98				
								SMF54HM10-395	20.23				
					xii	Mono c-Si PERC Module	SMF54HM10-405 (405Wp)	SMF54HM10-400	20.49	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMF54HM10-405	20.73				
								SMF54HM10-410	21.00				
								SMF54HM10-415	21.24				
					xiii	Mono c-Si PERC Module	SMFB54HM10-385 (385Wp)	SMFB54HM10-375	19.20	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMFB54HM10-380	19.46				
								SMFB54HM10-385	19.73				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								SMFB54HM10-390	19.98				
								SMFB54HM10-395	20.23				
					xiv	Mono c-Si PERC Module	SMFB54HM10-405 (405Wp)	SMFB54HM10-400	20.49	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMFB54HM10-405	20.73				
								SMFB54HM10-410	21.00				
								SMFB54HM10-415	21.24				
					xv	Mono c-Si PERC Module	SMF48HM10-345 (345Wp)	SMF48HM10-335	19.21	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMF48HM10-340	19.50				
								SMF48HM10-345	19.780				
								SMF48HM10-350	20.06				
					xvi	Mono c-Si PERC Module	SMF48HM10-365 (365Wp)	SMF48HM10-355	20.34	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMF48HM10-360	20.62				
								SMF48HM10-365	20.91				
								SMF48HM10-370	21.19				
					xvii	Mono c-Si PERC Module	SMFB48HM10-345 (345Wp)	SMFB48HM10-335	19.21	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMFB48HM10-340	19.50				
								SMFB48HM10-345	19.78				
								SMFB48HM10-350	20.06				
					xviii	Mono c-Si PERC Module	SMFB48HM10-365 (365Wp)	SMFB48HM10-355	20.34	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMFB48HM10-360	20.62				
								SMFB48HM10-365	20.91				
								SMFB48HM10-370	21.19				
					xix	Mono c-Si PERC Module	SMF42HM10-305 (305Wp)	SMF42HM10-295	19.21	84 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMF42HM10-300	19.54				
								SMF42HM10-305	19.88				
								SMF42HM10-310	20.2				
								SMF42HM10-315	20.5				
								SMF42HM10-320	20.8				
					xx	Mono c-Si PERC Module	SMFB42HM10-305 (305Wp)	SMFB42HM10-295	19.21	84 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMFB42HM10-300	19.54				
								SMFB42HM10-305	19.88				
								SMFB42HM10-310	20.2				
								SMFB42HM10-315	20.5				
								SMFB42HM10-320	20.8				
					xxi	Mono c-Si PERC Module	SMF36HM10-265 (265Wp)	SMF36HM10-255	19.25	72 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMF36HM10-260	19.63				
								SMF36HM10-265	19.99				
								SMF36HM10-270	20.36				
								SMF36HM10-275	20.73				
					xxii	Mono c-Si PERC Module	SMFB36HM10-265 (265Wp)	SMFB36HM10-255	19.25	72 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMFB36HM10-260	19.63				
								SMFB36HM10-265	19.99				
								SMFB36HM10-270	20.36				
								SMFB36HM10-275	20.73				
					xxiii	Bifacial Mono c-Si PERC Modules	SMB72HM10-525 (525Wp)	SMB72HM10-500	19.36	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMB72HM10-505	19.55				
								SMB72HM10-510	19.74				
								SMB72HM10-515	19.94				
								SMB72HM10-520	20.13				
								SMB72HM10-525	20.32				
								SMB72HM10-530	20.52				
								SMB72HM10-535	20.71				
								SMB72HM10-540	20.91				
								SMB72HM10-545	21.10				
								SMB72HM10-550	21.30				
					xxiv	Bifacial Mono c-Si PERC Modules	SMBB72HM10-525 (525Wp)	SMBB72HM10-500	19.36	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMBB72HM10-505	19.55				
								SMBB72HM10-510	19.74				
								SMBB72HM10-515	19.94				
								SMBB72HM10-520	20.13				
								SMBB72HM10-525	20.32				
								SMBB72HM10-530	20.52				
								SMBB72HM10-535	20.71				
								SMBB72HM10-540	20.91				
								SMBB72HM10-545	21.10				
								SMBB72HM10-550	21.30				

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												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					xxv	Bifacial Mono c-Si PERC Modules	SMB66HM10-465 (465Wp)	SMB66HM10-455	19.16	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMB66HM10-460	19.37				
								SMB66HM10-465	19.59				
								SMB66HM10-470	19.80				
								SMB66HM10-475	20.02				
					xxvi	Bifacial Mono c-Si PERC Modules	SMB66HM10-490 (490Wp)	SMB66HM10-480	20.24	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMB66HM10-485	20.65				
								SMB66HM10-490	20.86				
								SMB66HM10-495	21.07				
								SMB66HM10-500	21.28				
					xxvii	Bifacial Mono c-Si PERC Modules	SMBB66HM10-465 (465Wp)	SMBB66HM10-455	19.16	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMBB66HM10-460	19.37				
								SMBB66HM10-465	19.59				
								SMBB66HM10-470	19.80				
								SMBB66HM10-475	20.02				
					xxviii	Bifacial Mono c-Si PERC Modules	SMBB66HM10-490 (490Wp)	SMBB66HM10-480	20.24	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMBB66HM10-485	20.44				
								SMBB66HM10-490	20.65				
								SMBB66HM10-495	20.86				
								SMBB66HM10-500	21.07				
					xxix	Bifacial Mono c-Si PERC Modules	SMB60HM10-435 (435Wp)	SMB60HM10-415	19.13	120 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMB60HM10-420	19.37				
								SMB60HM10-425	19.61				
								SMB60HM10-430	19.83				
								SMB60HM10-435	20.06				
								SMB60HM10-440	20.29				
								SMB60HM10-445	20.51				
								SMB60HM10-450	20.75				
								SMB60HM10-455	20.98				
					xxx	Bifacial Mono c-Si PERC Modules	SMBB60HM10-435 (435Wp)	SMBB60HM10-415	19.13	120 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMBB60HM10-420	19.37				
								SMBB60HM10-425	19.61				
								SMBB60HM10-430	19.83				
								SMBB60HM10-435	20.06				
								SMBB60HM10-440	20.29				
								SMBB60HM10-445	20.51				
								SMBB60HM10-450	20.75				
								SMBB60HM10-455	20.98				
					xxxi	Bifacial Mono c-Si PERC Modules	SMB54HM10-385 (385Wp)	SMB54HM10-375	19.2	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMB54HM10-380	19.46				
								SMB54HM10-385	19.73				
								SMB54HM10-390	19.98				
					xxxii	Bifacial Mono c-Si PERC Modules	SMB54HM10-405 (405Wp)	SMB54HM10-395	20.23	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMB54HM10-400	20.49				
								SMB54HM10-405	20.73				
								SMB54HM10-410	21.00				
					xxxiii	Bifacial Mono c-Si PERC Modules	SMBB54HM10-385 (385Wp)	SMBB54HM10-375	19.20	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMBB54HM10-380	19.46				
								SMBB54HM10-385	19.73				
								SMBB54HM10-390	19.98				
					xxxiv	Bifacial Mono c-Si PERC Modules	SMBB54HM10-405 (405Wp)	SMBB54HM10-395	20.23	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMBB54HM10-400	20.49				
								SMBB54HM10-405	20.73				
								SMBB54HM10-410	21.00				
					xxxv	Bifacial Mono c-Si PERC Modules	SMB48HM10-350 (350Wp)	SMB48HM10-335	19.21	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMB48HM10-340	19.50				
								SMB48HM10-345	19.78				
								SMB48HM10-350	20.06				
								SMB48HM10-355	20.34				
								SMB48HM10-360	20.62				
								SMB48HM10-365	20.91				
					xxxvi	Bifacial Mono c-Si PERC Modules	SMBB48HM10-350 (350Wp)	SMBB48HM10-335	19.21	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMBB48HM10-340	19.50				
								SMBB48HM10-345	19.78				
								SMBB48HM10-350	20.06				
								SMBB48HM10-355	20.34				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								SMBB48HM10-360	20.62				
								SMBB48HM10-365	20.91				
					xxxvii	Bifacial Mono c-Si PERC Modules	SMB42HM10-305 (305Wp)	SMB42HM10-295	19.21	84 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMB42HM10-300	19.54				
								SMB42HM10-305	19.88				
								SMB42HM10-310	20.20				
								SMB42HM10-315	20.50				
								SMB42HM10-320	20.80				
					xxxviii	Bifacial Mono c-Si PERC Modules	SMBB42HM10-305 (305Wp)	SMBB42HM10-295	19.21	84 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMBB42HM10-300	19.54				
								SMBB42HM10-305	19.88				
								SMBB42HM10-310	20.20				
								SMBB42HM10-315	20.50				
								SMBB42HM10-320	20.80				
					xxxix	Bifacial Mono c-Si PERC Modules	SMB36HM10-265 (265Wp)	SMB36HM10-255	19.25	72 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMB36HM10-260	19.63				
								SMB36HM10-265	19.66				
								SMB36HM10-270	20.36				
								SMB36HM10-275	20.73				
					xl	Bifacial Mono c-Si PERC Modules	SMBB36HM10-265 (265Wp)	SMBB36HM10-255	19.25	72 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMBB36HM10-260	19.63				
								SMBB36HM10-265	19.99				
								SMBB36HM10-270	20.36				
								SMBB36HM10-275	20.73				
					xli	Mono c-Si PERC Module	JKM-SMF-540P-72HL4-V (540Wp)	JKM-SMF-530P-72HL4-V	20.52	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								JKM-SMF-535P-72HL4-V	20.71				
								JKM-SMF-540P-72HL4-V	20.91				
								JKM-SMF-545P-72HL4-V	21.10				
								JKM-SMF-550P-72HL4-V	21.30				
					xlii	Mono c-Si PERC Module	SMF33HM10-120 (120 Wp)	SMF33HM10-120	19.12	66 (Half Cut Cells)	1000	01.09.2023	31.08.2027
								SMF33HM10-125	19.91				
43	**M/s. Goldi Solar Pvt Limited**	**Block No:149, Plot No: J&K1, Beside IOC petrol Pump, National Highway No 8, Pipodara, Surat-394110, Gujarat**	**R-72001805**	**396**	i	Mono c-Si PERC Module	GS10-M144-WF-525, (525Wp)	GS10-M144-WF-500	19.36	144 (Half Cut Cell)	1500	20.09.2023	19.09.2027
								GS10-M144-WF-505	19.56				
								GS10-M144-WF-510	19.75				
								GS10-M144-WF-515	19.94				
								GS10-M144-WF-520	20.14				
								GS10-M144-WF-525	20.33				
								GS10-M144-WF-530	20.53				
								GS10-M144-WF-535	20.73				
								GS10-M144-WF-540	20.92				
								GS10-M144-WF-545	21.12				
								GS10-M144-WF-550	21.31				
					ii	Mono c-Si PERC Module	GS10-M132-WF-490, (490Wp)	GS10-M132-WF-480	20.22	132 (Half Cut Cell)	1500	20.09.2023	19.09.2027
								GS10-M132-WF-485	20.43				
								GS10-M132-WF-490	20.64				
								GS10-M132-WF-495	20.85				
								GS10-M132-WF-500	21.06				
								GS10-M132-WF-505	21.28				
44	**M/s. Tata Power Renewable Energy Limited** (Formerly M/s. Tata Power Solar Systems Ltd)	**Sy No. 43P and 44(P), Electronic City, 2nd Stage, Consisting Hosur Road, Bangalore-560100, Karnataka**	**R-62001090**	**577**	i	Mono c-Si PERC Module	TP440HGZ(H), (440Wp)	TP455HGZ(H)	20.46	144 (Half Cut Cell)	1500	20.09.2023	19.09.2027
								TP450HGZ(H)	20.23				
								TP445HGZ(H)	20.01				
								TP440HGZ(H)	19.78				
								TP435HGZ(H)	19.56				
								TP430HGZ(H)	19.34				
								TP425HGZ(H)	19.11				
					ii	Mono c-Si PERC Module	TP570LG10, (570Wp)	TP595LG10	21.36	156 (Half Cut Cell)	1500	20.09.2023	19.09.2027
								TP590LG10	21.18				
								TP585LG10	21.00				
								TP580LG10	20.83				
								TP575LG10	20.65				
								TP570LG10	20.47				
								TP565LG10	20.29				
								TP560LG10	20.11				
								TP555LG10	19.93				
								TP550HG10	21.34				
								TP545HG10	21.14				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					iii	Mono c-Si PERC Module	TP525HG10, (525Wp)	TP540HG10	20.95	144 (Half Cut Cell)	1500	20.09.2023	19.09.2027
								TP5435HG10	20.76				
								TP530HG10	20.56				
								TP525HG10	20.37				
								TP520HG10	20.17				
								TP515HG10	19.98				
								TP510HG10	19.79				
								TP505HG10	19.59				
					iv	Mono c-Si PERC Module	TP480VG10, (480Wp)	TP500VG10	20.82	132 (Half Cut Cell)	1500	20.09.2023	19.09.2027
								TP495VG10	20.61				
								TP490VG10	20.40				
								TP485VG10	20.19				
								TP480VG10	19.98				
								TP475VG10	19.77				
								TP470VG10	19.57				
								TP465VG10	19.36				
								TP460VG10	19.15				
					v	Mono c-Si PERC Module	TP440MG10, (440Wp)	TP455MG10	20.81	120 (Half Cut Cell)	1500	20.09.2023	19.09.2027
								TP450MG10	20.58				
								TP445MG10	20.35				
								TP440MG10	20.12				
								TP435MG10	19.89				
								TP430MG10	19.66				
								TP425MG10	19.43				
								TP420MG10	19.21				
					vi	Mono c-Si PERC Module	TP400SG10, (400Wp)	TP410SG10	20.72	108 (Half Cut Cell)	1500	20.09.2023	19.09.2027
								TP405SG10	20.47				
								TP400SG10	20.21				
								TP395SG10	19.96				
								TP390SG10	19.71				
								TP385SG10	19.46				
					vii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP480VG10TB (480 Wp)	TP460VG10TB	19.19	132 (Half Cut Cells)	1500	20.09.2023	19.09.2027
								TP465VG10TB	19.40				
								TP470VG10TB	19.60				
								TP475VG10TB	19.81				
								TP480VG10TB	20.02				
								TP485VG10TB	20.23				
								TP490VG10TB	20.44				
								TP495VG10TB	20.65				
								TP500VG10TB	20.86				
					viii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP435MG10TB (435 Wp)	TP420MG10TB	19.21	120 (Half Cut Cells)	1500	20.09.2023	19.09.2027
								TP425MG10TB	19.44				
								TP430MG10TB	19.67				
								TP435MG10TB	19.90				
								TP440MG10TB	20.12				
								TP445MG10TB	20.35				
								TP450MG10TB	20.58				
								TP455MG10TB	20.81				
					ix	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP530HG10TB (530 Wp)	TP505HG10TB	19.59	144 (Half Cut Cells)	1500	20.09.2023	19.09.2027
								TP510HG10TB	19.78				
								TP515HG10TB	19.98				
								TP520HG10TB	20.17				
								TP525HG10TB	20.37				
								TP530HG10TB	20.56				
								TP535HG10TB	20.75				
								TP540HG10TB	20.95				
								TP545HG10TB	21.14				
								TP550HG10TB	21.34				
					x	Bifacial Mono c-Si PERC Module (Glass to Glass Backsheet)	TP570LG10B (570 Wp)	TP555LG10B	19.93	156 (Half Cut Cells)	1500	20.09.2023	19.09.2027
								TP560LG10B	20.11				
								TP565LG10B	20.29				
								TP570LG10B	20.47				
								TP575LG10B	20.64				
								TP580LG10B	20.82				
								TP585LG10B	21.00				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								TP590LG10B	21.18				
								TP595LG10B	21.36				
					xi	Bifacial Mono c-Si PERC Module (Glass to Glass Backsheet)	TP530HG10B (530 Wp)	TP505HG10B	19.59	144 (Half Cut Cells)	1500	20.09.2023	19.09.2027
								TP510HG10B	19.78				
								TP515HG10B	19.98				
								TP520HG10B	20.17				
								TP525HG10B	20.37				
								TP530HG10B	20.56				
								TP535HG10B	20.75				
								TP540HG10B	20.95				
								TP545HG10B	21.14				
								TP550HG10B	21.34				
					xii	Bifacial Mono c-Si PERC Module (Glass to Glass Backsheet)	TP480VG10B (480 Wp)	TP460VG10B	19.19	132 (Half Cut Cells)	1500	20.09.2023	19.09.2027
								TP465VG10B	19.40				
								TP470VG10B	19.60				
								TP475VG10B	19.81				
								TP480VG10B	20.02				
								TP485VG10B	20.23				
								TP490VG10B	20.44				
								TP495VG10B	20.65				
								TP500VG10B	20.86				
					xiii	Bifacial Mono c-Si PERC Module (Glass to Glass Backsheet)	TP435MG10B (435 Wp)	TP420MG10B	19.21	120 (Half Cut Cells)	1500	20.09.2023	19.09.2027
								TP425MG10B	19.44				
								TP430MG10B	19.67				
								TP435MG10B	19.90				
								TP440MG10B	20.12				
								TP445MG10B	20.35				
								TP450MG10B	20.58				
								TP455MG10B	20.81				
		Co-ALMM with M/s.Vikram Solar Limited **Manufacturing Address:** **B1000A, B1100C, Indospace Industrial Park, Panruti Pvt. Ltd., Survey No-2/A, Sriperumbudur Taluk, Panaiyur Village, Kanchipuram-603302, Tamil Nadu, India**	**R-61003158**	**1000 MW for 2 Year (As per Co-Branding Agreement)**	xvii	Bifacial Mono c-Si PERC Modules (Glass to Glass)	TP595LG10VB (595 Wp)	TP570LG10VB	20.47	156 Half Cut Cells	1500	28.08.2024	30.04.2026
								TP575LG10VB	20.64				
								TP580LG10VB	20.82				
								TP585LG10VB	21.00				
								TP590LG10VB	21.18				
								TP595LG10VB	21.36				
								TP600LG10VB	21.54				
								TP605LG10VB	21.72				
								TP610LG10VB	21.9				
								TP615LG10VB	22.08				
		Co-ALMM with M/s.Vikram Solar Limited **Manufacturing Address:** **Special Economic Zone (SEZ), Sector 2, Falta, 24 Parganas (South) - 743504, West Bengal, India**	**R-51002712**	**1000 MW for 2 Year (As per Co-Branding Agreement)**	xviii	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP595LG10VB (595 Wp)	TP570LG10VB	20.47	156 Half Cut Cells	1500	28.10.2024	30.04.2026
								TP575LG10VB	20.64				
								TP580LG10VB	20.82				
								TP585LG10VB	21.00				
								TP590LG10VB	21.18				
								TP595LG10VB	21.36				
					xix	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP540HG10VB (540 Wp)	TP525HG10VB	19.26	144 (Half Cut Cells)	1500	28.10.2024	30.04.2026
								TP530HG10VB	19.44				
								TP535HG10VB	19.62				
								TP540HG10VB	19.81				
								TP545HG10VB	19.99				
								TP550HG10VB	20.18				
45	**M/s. Surya International Enterprise Private Limited**	**Plot No. S4-E1-21, EMC Park, Infovally II, Harekrushnapur, Jatani, Bhubaneswar-751019, Orissa**	**R-52000175**	**77**	i	Mono PERC c-Si Modules	SI565M10-156 (565)	SI585M10-156	20.93	156 (Half Cut Cell)	1500	16.11.2023	15.11.2027
								SI580M10-156	20.75				
								SI575M10-156	20.57				
								SI570M10-156	20.39				
								SI565M10-156	20.21				
								SI560M10-156	20.03				
								SI555M10-156	19.85				
								SI550M10-156	19.68				
								SI545M10-156	19.5				
								SI540M10-156	19.32				
								SI550M10-144	21.27				
								SI545M10-144	21.08				
								SI540M10-144	20.89				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					ii	Mono PERC c-Si Modules	SI525M10-144 (525)	SI535M10-144	20.69	144 (Half Cut Cell)	1500	16.11.2023	15.11.2027
								SI530M10-144	20.5				
								SI525M10-144	20.31				
								SI520M10-144	20.11				
								SI515M10-144	19.92				
								SI510M10-144	19.73				
								SI505M10-144	19.53				
								SI500M10-144	19.34				
					iii	Mono PERC c-Si Modules	SI475M10-132 (475)	SI495M10-132	20.84	132 (Half Cut Cell)	1500	16.11.2023	15.11.2027
								SI490M10-132	20.63				
								SI485M10-132	20.41				
								SI480M10-132	20.2				
								SI475M10-132	19.99				
								SI470M10-132	19.78				
								SI465M10-132	19.57				
								SI460M10-132	19.36				
								SI455M10-132	19.15				
					iv	Mono PERC C-Si Modules	SI430M10-120 (430)	SI450M10-120	20.78	120 (Half Cut Cell)	1500	16.11.2023	15.11.2027
								SI445M10-120	20.55				
								SI440M10-120	20.31				
								SI435M10-120	20.08				
								SI430M10-120	19.85				
								SI425M10-120	19.62				
								SI420M10-120	19.39				
								SI415M10-120	19.16				
					v	Mono PERC C-Si Modules	SI390M10-108 (390)	SI405M10-108	20.69	108 (Half Cut Cell)	1500	16.11.2023	15.11.2027
								SI400M10-108	20.44				
								SI395M10-108	20.18				
								SI390M10-108	19.93				
								SI385M10-108	19.67				
								SI380M10-108	19.41				
								SI375M10-108	19.16				
					vi	Mono PERC C-Si Modules	SI345M10-96 (350)	SI365M10-96	20.87	96 (Half Cut Cell)	1500	16.11.2023	15.11.2027
								SI360M10-96	20.59				
								SI355M10-96	20.3				
								SI350M10-96	20.02				
								SI340M10-96	19.44				
								SI335M10-96	19.16				
					vii	Mono PERC C-Si Modules	SI305M10-84 (305)	SI320M10-84	20.78	84 (Half Cut Cell)	1500	16.11.2023	15.11.2027
								SI315M10-84	20.45				
								SI310M10-84	20.13				
								SI305M10-84	19.8				
								SI300M10-84	19.48				
								SI295M10-84	19.15				
					viii	Mono PERC C-Si Modules	SI260M10-72 (260)	SI270M10-72	20.38	72 (Full Cell)	1500	16.11.2023	15.11.2027
								SI265M10-72	20.01				
								SI260M10-72	19.63				
								SI255M10-72	19.25				
					ix	Mono PERC C-Si Modules	SI230M10-64 (230)	SI240M10-64	19.99	64 (Full Cell)	1500	16.11.2023	15.11.2027
								SI235M10-64	19.61				
								SI230M10-64	19.24				
46	M/s Inter Solar Systems Private Limited	Village Sundran, Derabassi, P.O – Mubarkpur, District Sas Nagar, Mohali-140507, Punjab	R-97001139	49	i	Mono c-Si PERC Module	ISSM10-525-144 (525Wp)	ISSM10-500-144	19.92	144 (Half Cut Cells)	1500	16.11.2023	15.11.2027
								ISSM10-505-144	20.12				
								ISSM10-510-144	20.23				
								ISSM10-515-144	20.28				
								ISSM10-520-144	20.38				
								ISSM10-525-144	20.47				
								ISSM10-530-144	20.51				
								ISSM10-535-144	20.59				
								ISSM10-540-144	20.67				
								ISSM10-545-144	20.71				
								ISSM10-550-144	20.83				
47	M/s. ReNew Photovolotics Private Limited	Plot No-DTA-02-40 to 45, Domestic Tariff Area Phase-II, Mahindra World City, Tehsil-Sanganer, Jaipur-302037, Rajasthan	R-84003778	2842	i	Mono PERC C-Si Modules	RPS2MH72MB530 (530Wp)	RPS2MH72MB515	19.93	144 (Half Cut Cell)	1500	16.11.2023	15.11.2027
								RPS2MH72MB520	20.13				
								RPS2MH72MB525	20.32				
								RPS2MH72MB530	20.52				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					i	Mono PERC c-Si Modules	RPS2MH72MB530 (530Wp)	RPS2MH72MB535	20.71	144 (Half Cut Cell)	1500	16.11.2023	15.11.2027
								RPS2MH72MB540	20.9				
								RPS2MH72MB545	21.1				
								RPS2MH72MB550	21.29				
					ii	Bifacial Mono c-Si PERC Module	RPS2MH72BD530 (530Wp)	RPS2MH72BD515	19.93	144 (Half Cut Cell)	1500	16.11.2023	15.11.2027
								RPS2MH72BD520	20.13				
								RPS2MH72BD525	20.32				
								RPS2MH72BD530	20.52				
								RPS2MH72BD535	20.71				
								RPS2MH72BD540	20.9				
								RPS2MH72BD545	21.1				
								RPS2MH72BD550	21.29				
48	M/s Abhishek Solar Industries Private Limited Unit II	Khata No. 67 Plot No. 53, Mesra, PO – Neori Vikas, Near NH 33, Ranchi, Jharkhand - 835217, India	R-58000140	142	i	Mono c-Si PERC Module	AS-575-HM156 (575 Wp)	AS-555-HM156	19.88	156 Half Cut Cells	1500	24.01.2024	23.01.2028
								AS-560-HM156	20.05				
								AS-565-HM156	20.22				
								AS-570-HM156	20.40				
								AS-575-HM156	20.59				
								AS-580-HM156	20.78				
								AS-585-HM156	20.96				
								AS-590-HM156	21.13				
								AS-595-HM156	21.30				
					ii	Mono c-Si PERC Module	AS-525-HM144 (525 Wp)	AS-500-HM144	19.36	144 Half Cut Cells	1500	24.01.2024	23.01.2028
								AS-505-HM144	19.54				
								AS-510-HM144	19.75				
								AS-515-HM144	19.94				
								AS-520-HM144	20.13				
								AS-525-HM144	20.32				
								AS-530-HM144	20.52				
								AS-535-HM144	20.70				
								AS-540-HM144	20.92				
								AS-545-HM144	21.11				
								AS-550-HM144	21.31				
					iii	Mono c-Si PERC Module	AS-475-HM132 (475 Wp)	AS-455-HM132	19.18	132 Half Cut Cells	1500	24.01.2024	23.01.2028
								AS-460-HM132	19.37				
								AS-465-HM132	19.60				
								AS-470-HM132	19.80				
								AS-475-HM132	20.01				
								AS-480-HM132	20.23				
								AS-485-HM132	20.44				
								AS-490-HM132	20.64				
								AS-495-HM132	20.85				
					iv	Mono c-Si PERC Module	AS-385-HM108 (385 Wp)	AS-375-HM108	19.21	108 Half Cut Cells	1500	24.01.2024	23.01.2028
								AS-380-HM108	19.47				
								AS-385-HM108	19.73				
								AS-390-HM108	19.99				
								AS-395-HM108	20.27				
								AS-400-HM108	20.47				
					v	Mono c-Si PERC Module	AS-430-HM120 (430Wp)	AS-415-HM120	19.20	120 Half Cut Cells	1500	24.01.2024	23.01.2028
								AS-420-HM120	19.42				
								AS-425-HM120	19.64				
								AS-430-HM120	19.87				
								AS-435-HM120	20.11				
								AS-440-HM120	20.33				
								AS-445-HM120	20.56				
								AS-450-HM120	20.79				
					vi	Mono c-Si PERC Module	AS-555-HM144 (555Wp)	AS-560-HM144	21.68	144 (Half Cut Cells)	1500	24.01.2024	23.01.2028
								AS-555-HM144	21.48				
					vii	Mono c-Si PERC Module	AS-500-HM132 (500Wp)	AS-500-HM132	21.07	132 (Half Cut Cells)	1500		
					viii	Mono c-Si PERC Module	AS-455-HM120 (455Wp)	AS-460-HM120	21.26	120 (Half Cut Cells)	1500		
								AS-455-HM120	21.03				
49	M/s. Icon Solar En Power Technologies Private Limited	PH No. 09, Gram Dighari Mandir Hasaud, The Arang, Raipur- 492001, Chhattisgarh, India	R-59000140	395	i	Mono c-Si PERC Module	ISEN575 (575 Wp)	ISEN560	20.03	156 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								ISEN565	20.21				
								ISEN570	20.39				
								ISEN575	20.57				
								ISEN580	20.75				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								ISEN585	20.93				
								ISEN590	21.11				
					ii	Mono c-Si PERC Module	ISEN540 (540 Wp)	ISEN520	20.12	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								ISEN525	20.32				
								ISEN530	20.52				
								ISEN535	20.71				
								ISEN540	20.9				
								ISEN545	21.1				
								ISEN550	21.3				
								ISEN555	21.48				
					iii	Mono c-Si PERC Module	ISEN500 (500 Wp)	ISEN500	21.05	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								ISEN510	21.47				
					iv	Mono c-Si PERC Module	ISEN440 (440 Wp)	ISEN420	19.41	120 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								ISEN425	19.64				
								ISEN430	19.87				
								ISEN435	20.1				
								ISEN440	20.34				
								ISEN445	20.57				
								ISEN450	20.8				
								ISEN455	21.03				
								ISEN460	21.26				
					v	Mono c-Si PERC Module	ISEN395 (395 Wp)	ISEN380	19.46	108 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								ISEN385	19.72				
								ISEN390	19.97				
								ISEN395	20.23				
								ISEN400	20.48				
								ISEN405	20.74				
								ISEN410	21				
					vi	Bifacial N-type TOPCon Module	ISEN610N-TOP (610 Wp)	ISEN620N-TOP	22.19	156 (Half Cut Cell)	1500	24.02.2024	23.02.2028
								ISEN615N-TOP	22.01				
								ISEN610N-TOP	21.83				
								ISEN605N-TOP	21.65				
								ISEN600N-TOP	21.47				
					vii	Bifacial N-type TOPCon Module	ISEN575N-TOP (575 Wp)	ISEN590N-TOP	22.84	144 (Half Cut Cell)	1500	24.02.2024	23.02.2028
								ISEN585N-TOP	22.64				
								ISEN580N-TOP	22.45				
								ISEN575N-TOP	22.26				
								ISEN570N-TOP	22.06				
								ISEN565N-TOP	21.87				
								ISEN560N-TOP	21.68				
					viii	Bifacial N-type TOPCon Module	ISEN530N-TOP (530 Wp)	ISEN540N-TOP	22.74	132 (Half Cut Cell)	1500	24.02.2024	23.02.2028
								ISEN535N-TOP	22.53				
								ISEN530N-TOP	22.32				
								ISEN525N-TOP	22.11				
								ISEN520N-TOP	21.90				
					ix	Bifacial N-type TOPCon Module	ISEN480N-TOP (480 Wp)	ISEN500N-TOP	23.11	120 (Half Cut Cell)	1500	24.02.2024	23.02.2028
								ISEN495N-TOP	22.88				
								ISEN490N-TOP	22.65				
								ISEN485N-TOP	22.41				
								ISEN480N-TOP	22.18				
								ISEN475N-TOP	21.95				
								ISEN470N-TOP	21.72				
								ISEN465N-TOP	21.49				
								ISEN460N-TOP	21.26				
					x	Bifacial N-type TOPCon Module	ISEN430N-TOP (430 Wp)	ISEN440N-TOP	22.53	108 (Half Cut Cell)	1500	24.02.2024	23.02.2028
								ISEN435N-TOP	22.28				
								ISEN430N-TOP	22.02				
								ISEN425N-TOP	21.76				
								ISEN420N-TOP	21.51				
50	**M/s. Waaree Energies Limited**	**Unit 2B, Survey No. 267, NH-48, Nandigram Village, Taluke Umbergaon, District Valsad, Gujarat 396105**	**R-72003085**	**1156**	i	Mono c- Si PERC Module	WSMD-540 (540Wp)	WSMD-520	20.2	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								WSMD-525	20.39				
								WSMD-530	20.58				
								WSMD-535	20.78				
								WSMD-540	20.97				
								WSMD-545	21.17				
								WSMD-550	21.36				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					ii	Bifacial Mono c- Si PERC Module	Bi-55-540 (540Wp)	Bi-55-520	20.2	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								Bi-55-525	20.39				
								Bi-55-530	20.58				
								Bi-55-535	20.78				
								Bi-55-540	20.97				
								Bi-55-545	21.17				
								Bi-55-550	21.36				
					iii	N TOPCon Module	WSMT-570 (570Wp)	WSMT-560	21.75	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								WSMT-565	21.94				
								WSMT-570	22.14				
								WSMT-575	22.33				
								WSMT-580	22.53				
					iv	N TOPCon Module	WSMT-615 (615Wp)	WSMT-605	21.74	156 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								WSMT-610	21.92				
								WSMT-615	22.1				
								WSMT-620	22.28				
								WSMT-625	22.46				
					v	N TOPCon Module(Bifacial)	BiN-17-615 (615Wp)	BiN-17-605	21.64	156 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								BiN-17-610	21.82				
								BiN-17-615	22				
								BiN-17-620	22.18				
								BiN-17-625	22.35				
					vi	N TOPCon Module(Bifacial)	BiN-08-570 (570Wp)	BiN-08-560	21.67	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								BiN-08-565	21.87				
								BiN-08-570	22.06				
								BiN-08-575	22.25				
								BiN-08-580	22.45				
51	**M/s. Waaree Energies Limited**	**Survey No 38/1,Tumb Village,Tumb,Umbergaon,Valsad,Gujarat-396150**	**R-72002038**	**1095**	i	Mono c- Si PERC Module	WSMD-440 (440Wp)	WSMD-420	19.32	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								WSMD-425	19.55				
								WSMD-430	19.78				
								WSMD-435	20.01				
								WSMD-440	20.24				
								WSMD-445	20.47				
								WSMD-450	20.7				
					ii	Mono c- Si PERC Module	WSMD-540 (540Wp)	WSMD-520	20.2	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								WSMD-525	20.39				
								WSMD-530	20.58				
								WSMD-535	20.78				
								WSMD-540	20.97				
								WSMD-545	21.17				
								WSMD-550	21.36				
					iii	Mono c- Si PERC Bifacial Module	Bi-31-440(440Wp)	Bi-31-420	19.32	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								Bi-31-425	19.55				
								Bi-31-430	19.78				
								Bi-31-435	20.01				
								Bi-31-440	20.24				
								Bi-31-445	20.47				
								Bi-31-450	20.7				
					iv	Bifacial Mono c-Si PERC Module	Bi-55-540 (540Wp)	Bi-55-520	20.2	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								Bi-55-525	20.39				
								Bi-55-530	20.58				
								Bi-55-535	20.78				
								Bi-55-540	20.97				
								Bi-55-545	21.17				
								Bi-55-550	21.36				
					v	Mono c- Si PERC Module	WSMDi-400 (400Wp)	WSMDi-395	19.79	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								WSMDi-400	20.03				
								WSMDi-405	20.28				
								WSMDi-410	20.53				
								WSMDi-415	20.78				
52	**M/s. Mundra Solar PV Limited**	**Survey No 180P, Co Mundra Solar Technopark Pvt. Ltd, Electronic manufacturing Cluster EMC, Village Vandh & Tunda, mundra, Kutch Adani Ports & SEZ, Tunda, Kachchh - - 370435, Gujarat**	**R-72008532**	**1942**				ASM-M10-144-500	19.47				
								ASM-M10-144-501	19.51				
								ASM-M10-144-502	19.55				
								ASM-M10-144-503	19.59				
								ASM-M10-144-504	19.63				
								ASM-M10-144-505	19.67				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					i	Mono c-Si PERC Modules	ASM-M10-144-523 (523Wp)	ASM-M10-144-506	19.7	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								ASM-M10-144-507	19.74				
								ASM-M10-144-508	19.78				
								ASM-M10-144-509	19.82				
								ASM-M10-144-510	19.86				
								ASM-M10-144-511	19.9				
								ASM-M10-144-512	19.94				
								ASM-M10-144-513	19.98				
								ASM-M10-144-514	20.02				
								ASM-M10-144-515	20.05				
								ASM-M10-144-516	20.09				
								ASM-M10-144-517	20.13				
								ASM-M10-144-518	20.17				
								ASM-M10-144-519	20.21				
								ASM-M10-144-520	20.25				
								ASM-M10-144-521	20.29				
								ASM-M10-144-522	20.33				
								ASM-M10-144-523	20.37				
								ASM-M10-144-524	20.41				
								ASM-M10-144-525	20.44				
								ASM-M10-144-526	20.48				
								ASM-M10-144-527	20.52				
								ASM-M10-144-528	20.56				
								ASM-M10-144-529	20.6				
								ASM-M10-144-530	20.64				
								ASM-M10-144-531	20.68				
								ASM-M10-144-532	20.72				
								ASM-M10-144-533	20.76				
								ASM-M10-144-534	20.8				
								ASM-M10-144-535	20.83				
								ASM-M10-144-536	20.87				
								ASM-M10-144-537	20.91				
								ASM-M10-144-538	20.95				
								ASM-M10-144-539	20.99				
								ASM-M10-144-540	21.03				
								ASM-M10-144-541	21.07				
								ASM-M10-144-542	21.11				
								ASM-M10-144-543	21.15				
								ASM-M10-144-544	21.18				
								ASM-M10-144-545	21.22				
					ii	Bifacial c-Si PERC Modules	ASB-M10-144-548 (548Wp)	ASB-M10-144-520	20.25	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								ASB-M10-144-521	20.29				
								ASB-M10-144-522	20.33				
								ASB-M10-144-523	20.37				
								ASB-M10-144-524	20.41				
								ASB-M10-144-525	20.44				
								ASB-M10-144-526	20.48				
								ASB-M10-144-527	20.52				
								ASB-M10-144-528	20.56				
								ASB-M10-144-529	20.6				
								ASB-M10-144-530	20.64				
								ASB-M10-144-531	20.68				
								ASB-M10-144-532	20.72				
								ASB-M10-144-533	20.76				
								ASB-M10-144-534	20.8				
								ASB-M10-144-535	20.83				
								ASB-M10-144-536	20.87				
								ASB-M10-144-537	20.91				
								ASB-M10-144-538	20.95				
								ASB-M10-144-539	20.99				
								ASB-M10-144-540	21.03				
								ASB-M10-144-541	21.07				
								ASB-M10-144-542	21.11				
								ASB-M10-144-543	21.15				
								ASB-M10-144-544	21.18				
								ASB-M10-144-545	21.22				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								ASB-M10-144-546	21.26				
								ASB-M10-144-547	21.3				
								ASB-M10-144-548	21.34				
								ASB-M10-144-549	21.38				
								ASB-M10-144-550	21.42				
					iii	Bifacial N-type TOPCon Modules	ASB-M10-144-563 (563Wp)	ASB-M10-144-520	20.15	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								ASB-M10-144-525	20.34				
								ASB-M10-144-530	20.53				
								ASB-M10-144-535	20.73				
								ASB-M10-144-540	20.92				
								ASB-M10-144-545	21.12				
								ASB-M10-144-550	21.42				
								ASB-M10-144-551	21.46				
								ASB-M10-144-552	21.5				
								ASB-M10-144-553	21.54				
								ASB-M10-144-554	21.57				
								ASB-M10-144-555	21.61				
								ASB-M10-144-556	21.65				
								ASB-M10-144-557	21.69				
								ASB-M10-144-558	21.73				
								ASB-M10-144-559	21.77				
								ASB-M10-144-560	21.81				
								ASB-M10-144-561	21.85				
								ASB-M10-144-562	21.89				
								ASB-M10-144-563	21.92				
								ASB-M10-144-564	21.96				
								ASB-M10-144-565	22.00				
								ASB-M10-144-566	22.04				
								ASB-M10-144-567	22.08				
								ASB-M10-144-568	22.12				
								ASB-M10-144-569	22.16				
								ASB-M10-144-570	22.2				
								ASB-M10-144-571	22.24				
								ASB-M10-144-572	22.28				
								ASB-M10-144-573	22.31				
								ASB-M10-144-574	22.35				
								ASB-M10-144-575	22.39				
								ASB-M10-144-576	22.42				
								ASB-M10-144-577	22.46				
								ASB-M10-144-578	22.49				
								ASB-M10-144-579	22.53				
								ASB-M10-144-580	22.57				
		Co-ALMM with M/s Goldi Sun Private Limited **Manufacturing Address: City Survey No. 920, Vijalpore Road, TA, Distt. Navsari, Gujarat – 396445, India**	**R-72012025**	**187 MW (As per Co-Branding Agreement)**	i	Bifacial N type TOPCon Module	ASB-M10-144-575 (575 Wp)	ASB-M10-144-555	21.61	144 (Half Cut Cells)	1500	From the date of enlistemnt	16.01.2026
								ASB-M10-144-560	21.81				
								ASB-M10-144-565	22.00				
								ASB-M10-144-570	22.20				
								ASB-M10-144-575	22.39				
53	**M/s. Vikram Solar Ltd.**	**Special Economic Zone (SEZ), Sector 2,Falta, 24 Parganas (South) - 743504, West Bengal**	**R-51000566**	**1447**	i	Mono c-Si PERC Module	SOMERA VSMH.72.545.05 (545 Wp)	SOMERA VSMH.72.550.05	21.33	144 (Half cut Cells)	1500	24.02.2024	23.02.2028
								SOMERA VSMH.72.545.05	21.13				
								SOMERA VSMH.72.540.05	20.94				
								SOMERA VSMH.72.535.05	20.75				
					ii	Mono c-Si PERC Module	SOMERA VSMH.60.455.05 (455 Wp)	SOMERA VSMH.60.460.05	21.28	120 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								SOMERA VSMH.60.455.05	21.05				
								SOMERA VSMH.60.450.05	20.82				
								SOMERA VSMH.60.445.05	20.59				
					iii	Bifacial Mono c-Si PERC Module	PARADEA VSMDH.72.545.05 (545 Wp)	PARADEA VSMDH.72.550.05	21.33	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								PARADEA VSMDH.72.545.05	21.13				
								PARADEA VSMDH.72.540.05	20.94				
								PARADEA VSMDH.72.535.05	20.75				
					iv	Mono c-Si PERC Module	SOMERA VSMH.72.445.05 (445 Wp)	SOMERA VSMH.72.450.05	20.23	144 (Half Cut cells)	1500	24.02.2024	23.02.2028
								SOMERA VSMH.72.445.05	20.01				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								SOMERA VSMH.72.440.05	19.79				
					v	Mono c-Si PERC Modules (Glass to Glass)	PARADEA VSMDH.78.585.05 (585 Wp)	PARADEA VSMDH.78.570.05	20.47	156 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								PARADEA VSMDH.78.575.05	20.64				
								PARADEA VSMDH.78.580.05	20.82				
								PARADEA VSMDH.78.585.05	21.00				
								PARADEA VSMDH.78.590.05	21.18				
								PARADEA VSMDH.78.595.05	21.36				
					vi	Mono c-Si PERC Modules (Glass to Glass)	PARADEA VSMDH.66.500.05 (500 Wp)	PARADEA VSMDH.66.490.05	20.61	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								PARADEA VSMDH.66.500.05	21.04				
					vii	N-Type TOPCon Module	HYPERSOL VSMDH.72.590.05 (590 Wp)	HYPERSOL VSMDH.72.570.05	21.08	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								HYPERSOL VSMDH.72.575.05	21.27				
								HYPERSOL VSMDH.72.580.05	21.45				
								HYPERSOL VSMDH.72.585.05	21.64				
								HYPERSOL VSMDH.72.590.05	21.82				
								HYPERSOL VSMDH.72.595.05	22.01				
								HYPERSOL VSMDH.72.600.05	22.19				
								HYPERSOL VSMDH.72.605.05	22.38				
								HYPERSOL VSMDH.72.610.05	22.56				
					viii	N-Type TOPCon Module	HYPERSOL VSMDH.66.540.05 (540 Wp)	HYPERSOL VSMDH.66.520.05	21.90	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								HYPERSOL VSMDH.66.525.05	22.11				
								HYPERSOL VSMDH.66.530.05	22.32				
								HYPERSOL VSMDH.66.535.05	22.53				
								HYPERSOL VSMDH.66.540.05	22.74				
								HYPERSOL VSMDH.66.545.05	22.95				
								HYPERSOL VSMDH.66.550.05	23.16				
								HYPERSOL VSMDH.66.555.05	23.37				
54	**M/s. TP Solar Limited**	**Plot No. A 109, Near Elcot Road, TP Solar Limited, Sipcot Road and OSR Park, Gangaikondan Road, Sipcot Industrial Park, Gangaikondan Industrial Park, Tirunelveli, Tamil Nadu-627352**	**R-61004146**	**5222**	i	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP575LG10B (575Wp)	TP555LG10B	19.93	156(Half Cut Cells)	1500	22.03.2024	21.03.2028
								TP560LG10B	20.11				
								TP565LG10B	20.29				
								TP570LG10B	20.47				
								TP575LG10B	20.65				
								TP580LG10B	20.83				
								TP585LG10B	21.00				
								TP590LG10B	21.18				
								TP595LG10B	21.36				
								TP600LG10B	21.54				
					ii	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP520HG10B (520Wp)	TP500HG10B	19.40	144 (Half cut Cells)	1500	22.03.2024	21.03.2028
								TP505HG10B	19.59				
								TP510HG10B	19.79				
								TP515HG10B	19.98				
								TP520HG10B	20.17				
								TP525HG10B	20.37				
								TP530HG10B	20.56				
								TP535HG10B	20.76				
								TP540HG10B	20.95				
					iii	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP550HG10B (550 Wp)	TP545HG10B	21.14	144 (Half cut Cells)	1500	22.03.2024	21.03.2028
								TP550HG10B	21.34				
								TP555HG10B	21.53				
					iv	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP470VG10B (470 Wp)	TP460VG10B	19.19	132 (Half cut Cells)	1500	22.03.2024	21.03.2028
								TP465VG10B	19.47				
								TP470VG10B	19.61				
								TP475VG10B	19.81				
								TP480VG10B	20.02				
								TP485VG10B	20.23				
								TP490VG10B	20.44				
					v	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP500VG10B (500 Wp)	TP495VG10B	20.65	132 (Half cut Cells)	1500	22.03.2024	21.03.2028
								TP500VG10B	20.86				
								TP505VG10B	21.07				
					vi	Bifacial Mono c-Si PERC Module	TP435MG10B (435 Wp)	TP420MG10B	19.21	120 (Half Cut Cells)	1500	22.03.2024	21.03.2028
								TP425MG10B	19.44				
								TP430MG10B	19.66				
								TP435MG10B	19.89				
								TP440MG10B	20.12				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
						(Glass to Glass)		TP445MG10B	20.35				
								TP450MG10B	20.58				
					vii	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP460MG10B (460 Wp)	TP455MG10B	20.81	120 (Half Cut Cells)	1500	22.03.2024	21.03.2028
								TP460MG10B	21.03				
								TP465MG10B	21.26				
					viii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP575LG10TB (575Wp)	TP555LG10TB	19.93	156(Half Cut Cells)	1500	22.03.2024	21.03.2028
								TP560LG10TB	20.11				
								TP565LG10TB	20.29				
								TP570LG10TB	20.47				
								TP575LG10TB	20.65				
								TP580LG10TB	20.83				
								TP585LG10TB	21.00				
								TP590LG10TB	21.18				
								TP595LG10TB	21.36				
								TP600LG10TB	21.54				
					ix	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP520HG10TB (520Wp)	TP500HG10TB	19.40	144 (Half cut Cells)	1500	22.03.2024	21.03.2028
								TP505HG10TB	19.59				
								TP510HG10TB	19.79				
								TP515HG10TB	19.98				
								TP520HG10TB	20.17				
								TP525HG10TB	20.37				
								TP530HG10TB	20.56				
								TP535HG10TB	20.76				
								TP540HG10TB	20.95				
					x	Bifacial Mono c-Si PERC Module (Glass to Transparent	TP550HG10TB (550 Wp)	TP545HG10TB	21.14	144 (Half cut Cells)	1500	22.03.2024	21.03.2028
								TP550HG10TB	21.34				
								TP555HG10TB	21.53				
					xi	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP470VG10TB (470 Wp)	TP460VG10TB	19.19	132 (Half cut Cells)	1500	22.03.2024	21.03.2028
								TP465VG10TB	19.47				
								TP470VG10TB	19.61				
								TP475VG10TB	19.81				
								TP480VG10TB	20.02				
								TP485VG10TB	20.23				
								TP490VG10TB	20.44				
					xii	Bifacial Mono c-Si PERCModule (Glass to Transparent	TP500VG10TB (500 Wp)	TP495VG10TB	20.65	132 (Half cut Cells)	1500	22.03.2024	21.03.2028
								TP500VG10TB	20.86				
								TP505VG10TB	21.07				
					xiii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP435MG10TB (435 Wp)	TP420MG10TB	19.21	120 (Half Cut Cells)	1500	22.03.2024	21.03.2028
								TP425MG10TB	19.44				
								TP430MG10TB	19.66				
								TP435MG10TB	19.89				
								TP440MG10TB	20.12				
								TP445MG10TB	20.35				
								TP450MG10TB	20.58				
					xiv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP460MG10TB (460 Wp)	TP455MG10TB	20.81	120 (Half Cut Cells)	1500	22.03.2024	21.03.2028
								TP460MG10TB	21.03				
								TP465MG10TB	21.26				
55	**M/s. Solberry Energy Private Limited**	**Survey No.-164/002 & 165, Near Kamla Amrut Ind.Estate, Village-Indrad, Tal.-Kadi, Dist. - Mehsana - 382715, Gujarat, India**	**R-72009490**	**56**	i	Mono c-Si PERC Module	SE144H520M (520 Wp)	SE144H540M	20.92	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								SE144H535M	20.73				
								SE144H530M	20.53				
								SE144H525M	20.34				
								SE144H520M	20.15				
								SE144H515M	19.95				
								SE144H510M	19.76				
								SE144H505M	19.57				
					ii	Mono c-Si PERC Module	SE132H480M	SE132H500M	21.06	132 (Half cut Cells)	1500	10.04.2024	09.04.2028
								SE132H495M	20.85				
								SE132H490M	20.64				
								SE132H485M	20.43				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					ii	Mono c-Si PERC Module	(480 Wp)	SE132H480M	20.22	132 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								SE132H475M	20.01				
								SE132H470M	19.80				
								SE132H465M	19.60				
					iii	Mono c-Si PERC Module	SE120H440M (440 Wp)	SE120H460M	21.23	120 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								SE120H455M	21.00				
								SE120H450M	20.77				
								SE120H445M	20.54				
								SE120H440M	20.31				
								SE120H435M	20.10				
								SE120H430M	19.85				
								SE120H425M	19.62				
								SE120H420M	19.39				
					iv	Mono c-Si PERC Module	SE108H400M (400 Wp)	SE108H410M	20.97	108 (Half cut cells)	1500	10.04.2024	09.04.2028
								SE108H405M	20.71				
								SE108H400M	20.45				
								SE108H395M	20.20				
								SE108H390M	19.94				
								SE108H385M	19.69				
					v	Mono c-Si PERC Module	SE108H375M (375 Wp)	SE108H380M	19.43	108 (Half cut cells)	1500	10.04.2024	09.04.2028
								SE108H375M	19.18				
					vi	Mono c-Si PERC Module	SE96H345M (345 Wp)	SE96H360M	20.62	96 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								SE96H355M	20.33				
								SE96H350M	20.05				
								SE96H345M	19.76				
								SE96H340M	19.47				
								SE96H335M	19.19				
					vii	Bifacial Mono c-Si PERC Module	SE144H520MB (520 Wp)	SE144H540MB	20.92	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								SE144H535MB	20.73				
								SE144H530MB	20.53				
								SE144H525MB	20.34				
								SE144H520MB	20.15				
								SE144H515MB	19.95				
								SE144H510MB	19.76				
								SE144H505MB	19.57				
					viii	Bifacial Mono c-Si PERC Module	SE132H480MB (480 Wp)	SE132H500MB	21.06	132 (Half cut Cells)	1500	10.04.2024	09.04.2028
								SE132H495MB	20.85				
								SE132H490MB	20.64				
								SE132H485MB	20.43				
								SE132H480MB	20.22				
								SE132H475MB	20.01				
								SE132H470MB	19.80				
								SE132H465MB	19.60				
					ix	Bifacial Mono c-Si PERC Module	SE120H440MB (440 Wp)	SE120H460MB	21.23	120 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								SE120H455MB	21.00				
								SE120H450MB	20.77				
								SE120H445MB	20.54				
								SE120H440MB	20.31				
								SE120H435MB	20.10				
								SE120H430MB	19.85				
								SE120H425MB	19.62				
								SE120H420MB	19.39				
					x	Bifacial Mono c-Si PERC Module	SE108H400MB (400 Wp)	SE108H410MB	20.97	108 (Half cut cells)	1500	10.04.2024	09.04.2028
								SE108H405MB	20.71				
								SE108H400MB	20.45				
								SE108H395MB	20.20				
								SE108H390MB	19.94				
								SE108H385MB	19.69				
					xi	Bifacial Mono c-Si PERC Module	SE108H375MB (375Wp)	SE108H380MB	19.43	108 (Half cut cells)	1500	10.04.2024	09.04.2028
								SE108H375MB	19.18				
					xii	Bifacial Mono c-Si PERC Module	SE96H345MB (345 Wp)	SE96H360MB	20.62	96 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								SE96H355MB	20.33				
								SE96H350MB	20.05				
								SE96H345MB	19.76				
								SE96H340MB	19.47				
								SE96H335MB	19.19				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
56	M/s.Premier Energies International Private Limited	Plot No. S-95, S-96, S-100, S-101, S-102, S-103 & S-104, Raviryala, Raviryal(V), Maheswaram(M), Rangareddy (D), Telangana - 501359, India	R-63003719	1320	i	Bifacial N-type TOPCon Module (Glass to Transparent)	PEI-144-565THB-M10 (565 Wp)	PEI-144-545THB-M10	21.09	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								PEI-144-550THB-M10	21.28				
								PEI-144-555THB-M10	21.47				
								PEI-144-560THB-M10	21.67				
								PEI-144-565THB-M10	21.86				
								PEI-144-570THB-M10	22.05				
								PEI-144-575THB-M10	22.25				
								PEI-144-580THB-M10	22.44				
								PEI-144-585THB-M10	22.63				
								PEI-144-590THB-M10	22.83				
					ii	N-type TOPCon Module (Glass to Transparent)	PEI-132-520THB-M10 (520 Wp)	PEI-132-495THB-M10	20.85	132 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								PEI-132-500THB-M10	21.06				
								PEI-132-505THB-M10	21.28				
								PEI-132-510THB-M10	21.49				
								PEI-132-515THB-M10	21.70				
								PEI-132-520THB-M10	21.91				
								PEI-132-525THB-M10	22.12				
								PEI-132-530THB-M10	22.33				
								PEI-132-535THB-M10	22.54				
								PEI-132-540THB-M10	22.75				
					iii	Bifacial Mono c-Si PERC Modules (Glass to Transparent))	PEI-144-535HB-M10 (535 Wp)	PEI-144-535HB-M10	20.70	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								PEI-144-540HB-M10	20.89				
								PEI-144-545HB-M10	21.09				
								PEI-144-550HB-M10	21.28				
								PEI-144-555HB-M10	21.48				
								PEI-144-560HB-M10	21.67				
					iv	Bifacial Mono c-Si PERC Modules (Glass to Transparent)	PEI-132-490HB-M10 (490 Wp)	PEI-132-470HB-M10	19.80	132 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								PEI-132-475HB-M10	20.01				
								PEI-132-480HB-M10	20.22				
								PEI-132-485HB-M10	20.43				
								PEI-132-490HB-M10	20.64				
								PEI-132-495HB-M10	20.86				
								PEI-132-500HB-M10	21.07				
								PEI-132-505HB-M10	21.28				
								PEI-132-510HB-M10	21.49				
					v	Bifacial Mono c-Si PERC Modules (Glass to Glass)	PEI-144-535HGB-M10 (535 Wp)	PEI-144-535HGB-M10	20.70	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								PEI-144-540HGB-M10	20.89				
								PEI-144-545HGB-M10	21.09				
								PEI-144-550HGB-M10	21.28				
								PEI-144-555HGB-M10	21.48				
								PEI-144-560HGB-M10	21.67				
					vi	Bifacial Mono c-Si PERC Modules (Glass to Glass)	PEI-132-490HGB-M10 (490 Wp)	PEI-132-470HGB-M10	19.80	132 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								PEI-132-475HGB-M10	20.01				
								PEI-132-480HGB-M10	20.22				
								PEI-132-485HGB-M10	20.43				
								PEI-132-490HGB-M10	20.64				
								PEI-132-495HGB-M10	20.86				
								PEI-132-500HGB-M10	21.07				
								PEI-132-505HGB-M10	21.28				
								PEI-132-510HGB-M10	21.49				
					vii	Bifacial N-type TOPCon Module (Glass to Glass)	PEI-144-565THGB-M10 (565 Wp)	PEI-144-545THGB-M10	21.09	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								PEI-144-550THGB-M10	21.28				
								PEI-144-555THGB-M10	21.47				
								PEI-144-560THGB-M10	21.67				
								PEI-144-565THGB-M10	21.86				
								PEI-144-570THGB-M10	22.05				
								PEI-144-575THGB-M10	22.25				
								PEI-144-580THGB-M10	22.44				
								PEI-144-585THGB-M10	22.63				
								PEI-144-590THGB-M10	22.83				
					viii	N-type TOPCon Module (Glass to Glass)	PEI-132-520THGB-M10 (520 Wp)	PEI-132-495THGB-M10	20.85	132 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								PEI-132-500THGB-M10	21.06				
								PEI-132-505THGB-M10	21.28				
								PEI-132-510THGB-M10	21.49				
								PEI-132-515THGB-M10	21.70				
								PEI-132-520THGB-M10	21.91				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								PEI-132-525THGB-M10	22.12				
								PEI-132-530THGB-M10	22.33				
								PEI-132-535THGB-M10	22.54				
								PEI-132-540THGB-M10	22.75				
57	M/s. Total Solar Technologies Private Limited	Block No. 84 Paiki, Opposite Chachawadi Temple, Changodar, Chachawadi Vasna, Changodar, Ahmedabad - 382213, Gujarat, India	R-72009466	52	i	Mono c-Si PERC Module	TST144MPH-535 (535Wp)	TST144MPH-525	20.00	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								TST144MPH-530	20.18				
								TST144MPH-535	20.38				
								TST144MPH-540	20.58				
					ii	Mono c-Si PERC Module	TST132MPH-490 (490Wp)	TST132MPH-480	19.91	132 (Half cut Cells)	1500	10.04.2024	09.04.2028
								TST132MPH-485	20.11				
								TST132MPH-490	20.32				
								TST132MPH-495	20.53				
								TST132MPH-500	20.74				
					iii	Mono c-Si PERC Module	TST120MPH-445 (445Wp)	TST120MPH-440	19.99	120 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								TST120MPH-445	20.22				
								TST120MPH-450	20.45				
								TST120MPH-455	20.68				
					iv	Mono c-Si PERC Module	TST108MPH-400 (400Wp)	TST108MPH-390	19.60	108 (Half cut cells)	1500	10.04.2024	09.04.2028
								TST108MPH-395	19.86				
								TST108MPH-400	20.11				
								TST108MPH-405	20.36				
								TST108MPH-410	20.61				
					v	Mono c-Si PERC Module	TST96MPH-360 (360Wp)	TST96MPH-350	19.68	96 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								TST96MPH-355	19.96				
								TST96MPH-360	20.24				
								TST96MPH-365	20.52				
					vi	Mono c-Si PERC Module	TST84MPH-315 (315Wp)	TST84MPH-305	19.46	84 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								TST84MPH-310	19.78				
								TST84MPH-315	20.09				
								TST84MPH-320	20.41				
					vii	Mono c-Si PERC Module	TST72MPH-270 (270Wp)	TST72MPH-260	19.16	72 (Half cut Cells)	1500	10.04.2024	09.04.2028
								TST72MPH-265	19.53				
								TST72MPH-270	19.90				
								TST72MPH-275	20.27				
					viii	Mono c-Si PERC Module	TST60MPH-220 (220Wp)	TST60MPH-220	19.22	60 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								TST60MPH-225	19.66				
58	M/s. Integrated Batteries India Pvt Ltd	Plot No. 40, Sector -10, Greater Noida, Uttar Pradesh - 201310, India	R-93017612	93	i	Mono c-Si PERC Modules	IBMPF-395 (395 Wp)	IBMPF-380	19.30	108 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								IBMPF-385	19.55				
								IBMPF-390	19.81				
								IBMPF-395	20.06				
								IBMPF-400	20.31				
								IBMPH-405	20.57				
								IBMPH-410	20.82				
					ii	Mono c-Si PERC Modules	IBMPH-435 (435 Wp)	IBMPH-415	19.05	120 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								IBMPH-420	19.28				
								IBMPH-425	19.51				
								IBMPH-430	19.74				
								IBMPH-435	19.97				
								IBMPH-440	20.19				
								IBMPH-445	20.42				
								IBMPH-450	20.65				
								IBMPH-455	20.88				
					iii	Mono c-Si PERC Modules	IBMPH-480 (480 Wp)	IBMPH-460	19.26	132 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								IBMPH-465	19.47				
								IBMPH-470	19.68				
								IBMPH-475	19.89				
								IBMPH-480	20.10				
								IBMPH-485	20.31				
								IBMPH-490	20.52				
								IBMPH-495	20.73				
								IBMPH-500	20.93				
					iv	Mono c-Si PERC Modules	IBMPH-525 (525 Wp)	IBMPH-505	19.57	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								IBMPH-510	19.77				
								IBMPH-515	19.96				
								IBMPH-520	20.16				
								IBMPH-525	20.35				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								IBMPH-530	20.54				
								IBMPH-535	20.74				
								IBMPH-540	20.93				
								IBMPH-545	21.13				
59	M/s.ReNew Photovoltaics Private Limited	Plot No. 232, TP-2/A, Dholera Special Investment Region, Dholera, Ahmedabad - 382455, Gujarat, India	R-72009903	1766	i	Bifacial Mono c-Si PERC Module	RPS2MH72BD550 (550Wp)	RPS2MH72BD535	20.71	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								RPS2MH72BD540	20.90				
								RPS2MH72BD545	21.10				
								RPS2MH72BD550	21.30				
								RPS2MH72BD555	21.48				
								RPS2MH72BD560	21.68				
					ii	Bifacial Mono c-Si PERC Modules	RPS2MH72BD560 (560 Wp)	RPS2MH72BD530	20.52	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								RPS2MH72BD535	20.71				
								RPS2MH72BD540	20.90				
								RPS2MH72BD545	21.10				
								RPS2MH72BD550	21.30				
								RPS2MH72BD555	21.48				
								RPS2MH72BD560	21.68				
60	M/s. Grew Energy Private Limited	Khasra No. 2215, 2216, 1654, 1655, 1656, 2217, 2214, DUDU Jaipur, Rajasthan- 303008, India	R-84004332	2803	i	Mono c-Si PERC Module	GMF72HM10540 (540 Wp)	GMF72HM10525	20.32	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								GMF72HM10530	20.51				
								GMF72HM10535	20.71				
								GMF72HM10540	20.90				
								GMF72HM10545	21.09				
								GMF72HM10550	21.29				
					ii	Bifacial Mono c-Si PERC Module (Glass to Transparent BackSheet)	GMB72HM10540 (540 Wp)	GMB72HM10525	20.32	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								GMB72HM10530	20.51				
								GMB72HM10535	20.71				
								GMB72HM10540	20.90				
								GMB72HM10545	21.09				
								GMB72HM10550	21.29				
					iii	Mono c-Si PERC Module	GMF66HM10490 (490 Wp)	GMF66HM10480	20.20	132 (Half cut Cells)	1500	10.04.2024	09.04.2028
								GMF66HM10485	21.41				
								GMF66HM10490	20.62				
								GMF66HM10495	20.83				
								GMF66HM10500	21.04				
								GMF66HM10505	21.25				
					iv	Bifacial Mono c-Si PERC Module (Glass to Transparent BackSheet)	GMB66HM10490 (490 Wp)	GMB66HM10480	20.20	132 (Half cut Cells)	1500	10.04.2024	09.04.2028
								GMB66HM10485	21.41				
								GMB66HM10490	20.62				
								GMB66HM10495	20.83				
								GMB66HM10500	21.04				
								GMB66HM10505	21.25				
					v	Mono c-Si PERC Module	GMF60HM10450 (450 Wp)	GMF60HM10435	20.08	120 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								GMF60HM10440	20.31				
								GMF60HM10445	20.54				
								GMF60HM10450	20.77				
								GMF60HM10455	21.00				
								GMF60HM10460	21.23				
					vi	Bifacial Mono c-Si PERC Module (Glass to Transparent BackSheet)	GMB60HM10450 (450 Wp)	GMB60HM10435	20.08	120 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								GMB60HM10440	20.31				
								GMB60HM10445	20.54				
								GMB60HM10450	20.77				
								GMB60HM10455	21.00				
								GMB60HM10460	21.23				
					vii	Mono c-Si PERC Module	GMF54HM10400 (400 Wp)	GMF54HM10390	19.93	108 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								GMF54HM10395	20.19				
								GMF54HM10400	20.44				
								GMF54HM10405	20.70				
								GMF54HM10410	20.95				
								GMF54HM10415	21.21				
					viii	Bifacial Mono c-Si PERC Module (Glass to Transparent BackSheet)	GMB54HM10400 (400 Wp)	GMB54HM10390	19.93	108 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								GMB54HM10395	20.19				
								GMB54HM10400	20.44				
								GMB54HM10405	20.70				
								GMB54HM10410	20.95				
								GMB54HM10415	21.21				
								GMF48HM10340	19.46				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					ix	Mono c-Si PERC Module	GMF48HM10350 (350 Wp)	GMF48HM10345	19.75	96 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								GMF48HM10350	20.04				
								GMF48HM10355	20.32				
								GMF48HM10360	20.61				
								GMF48HM10365	20.90				
					x	Bifacial Mono c-Si PERC Module (Glass to Transparent BackSheet)	GMB48HM10350 (350 Wp)	GMB48HM10340	19.46	96 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								GMB48HM10345	19.75				
								GMB48HM10350	20.04				
								GMB48HM10355	20.32				
								GMB48HM10360	20.61				
								GMB48HM10365	20.90				
					xi	N Type TOPCon Module	GTG78HM10615 (615 Wp)	GTG78HM10635	22.72	156 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								GTG78HM10630	22.54				
								GTG78HM10625	22.36				
								GTG78HM10620	22.18				
								GTG78HM10615	22.00				
								GTG78HM10610	21.82				
								GTG78HM10605	21.64				
					xii	N Type TOPCon Module	GTG72HM10580 (580 Wp)	GTG72HM10590	22.84	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								GTG72HM10585	22.64				
								GTG72HM10580	22.45				
								GTG72HM10575	22.26				
								GTG72HM10570	22.06				
					xiii	N Type TOPCon Module	GTG66HM10525 (525 Wp)	GTG66HM10540	22.73	132 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								GTG66HM10535	22.52				
								GTG66HM10530	22.31				
								GTG66HM10525	22.10				
								GTG66HM10520	21.89				
								GTG66HM10515	21.68				
					xiv	N Type TOPCon Module	GTG60HM10475 (475 Wp)	GTG60HM10490	22.62	120 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								GTG60HM10485	22.39				
								GTG60HM10480	22.16				
								GTG60HM10475	21.93				
								GTG60HM10470	21.70				
								GTG60HM10465	21.47				
					xv	N Type TOPCon Module	GTG54HM10425 (425 Wp)	GTG54HM10440	22.49	128 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								GTG54HM10435	22.24				
								GTG54HM10430	21.98				
								GTG54HM10425	21.73				
								GTG54HM10420	21.47				
								GTG54HM10415	21.21				
					xvi	N Type TOPCon Module	GTG48HM10375 (375 Wp)	GTG48HM10390	22.33	96 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								GTG48HM10385	22.04				
								GTG48HM10380	21.76				
								GTG48HM10375	21.47				
								GTG48HM10370	21.19				
								GTG48HM10365	20.90				
61	**M/s. AG Solar Urja Udyog**	**Plot No. 428 & 443, Khata No. 212/215, Rengali, Sambalpur - 768212, Orissa, India**	**R-52000205**	**53**	i	Mono c-Si PERC Modules	ASU144CM545Wp (545 Wp)	ASU144CM520Wp	20.15	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								ASU144CM525Wp	20.34				
								ASU144CM530Wp	20.53				
								ASU144CM535Wp	20.73				
								ASU144CM540Wp	20.92				
								ASU144CM545Wp	21.12				
								ASU144CM550Wp	21.31				
					ii	Mono c-Si PERC Module	ASU132CM500Wp (500 Wp)	ASU132CM510Wp	21.48	132 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								ASU132CM505Wp	21.27				
								ASU132CM500Wp	21.06				
								ASU132CM495Wp	20.85				
								ASU132CM490Wp	20.64				
					iii	Mono c-Si PERC Module	ASU120CM435Wp (435 Wp)	ASU120CM450Wp	20.80	120 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								ASU120CM445Wp	20.57				
								ASU120CM440Wp	20.34				
								ASU120CM435Wp	20.10				
								ASU120CM430Wp	19.87				
								ASU120CM425Wp	19.64				
								ASU120CM420Wp	19.41				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					iv	Mono c-Si PERC Module	ASU108CM400Wp (400 Wp)	ASU108CM410Wp	21.00	108 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								ASU108CM405Wp	20.74				
								ASU108CM400Wp	20.48				
								ASU108CM395Wp	20.23				
								ASU108CM390Wp	19.97				
62	M/s. FS India Solar Ventures Private Limited	Plot No. A-1/1, Sipcot Industrial Park, Pillaipakkam - 602105, Tamil Nadu, India	R-61004316	3212	i	Cadmium Telluride Thin Film Module	FS-7525-FT1 (525 Wp)	FS-7505-FT1	18.06	268 (Thin Film Cells)	1500	29.04.2024	28.04.2028
								FS-7510-FT1	18.23				
								FS-7515-FT1	18.41				
								FS-7520-FT1	18.60				
								FS-7525-FT1	18.77				
								FS-7530-FT1	18.95				
								FS-7532-FT1	19.02				
								FS-7535-FT1	19.13				
								FS-7540-FT1	19.30				
					ii	Cadmium Telluride Thin Film Module	FS-7525A-FT1 (525 Wp)	FS-7505A-FT1	18.06	268 (Thin Film Cells)	1500	29.04.2024	28.04.2028
								FS-7510A-FT1	18.23				
								FS-7515A-FT1	18.41				
								FS-7520A-FT1	18.60				
								FS-7525A-FT1	18.77				
								FS-7530A-FT1	18.95				
								FS-7532A-FT1	19.02				
								FS-7535A-FT1	19.13				
								FS-7540A-FT1	19.30				
63	M/s. RenewSys India Pvt Ltd	Sy No. 114/P, Srinagar (V), Fabcity, Maheswaram(M), Ranga Reddy District, Telangana - 501359, India	R-63000760	576	i	Bifacial N type TOPCon Modules	DESERV EXTREME-635 (635 Wp)	DESERV EXTREME–650	23.30	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								DESERV EXTREME–645	23.12				
								DESERV EXTREME–640	22.94				
								DESERV EXTREME-635	22.76				
								DESERV EXTREME-630	22.59				
								DESERV EXTREME-625	22.41				
								DESERV EXTREME-620	22.23				
								DESERV EXTREME-615	22.05				
					ii	Bifacial N type TOPCon Modules	DESERV EXTREME-590 (590 Wp)	DESERV EXTREME–600	23.26	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								DESERV EXTREME–595	23.06				
								DESERV EXTREME-590	22.87				
								DESERV EXTREME-585	22.68				
								DESERV EXTREME-580	22.48				
								DESERV EXTREME-575	22.29				
								DESERV EXTREME-570	22.09				
								DESERV EXTREME-565	21.90				
					iii	Bifacial N type TOPCon Modules	DESERV EXTREME-490 (490 Wp)	DESERV EXTREME–500	23.06	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								DESERV EXTREME–495	22.83				
								DESERV EXTREME-490	22.60				
								DESERV EXTREME-485	22.37				
								DESERV EXTREME-480	22.13				
								DESERV EXTREME-475	21.90				
								DESERV EXTREME-470	21.67				
								DESERV EXTREME-465	21.44				
					iv	Bifacial N type TOPCon Modules	DESERV EXTREME-440 (440 Wp)	DESERV EXTREME–450	22.97	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								DESERV EXTREME–445	22.72				
								DESERV EXTREME-440	22.46				
								DESERV EXTREME-435	22.21				
								DESERV EXTREME-430	21.95				
								DESERV EXTREME-425	21.70				
								DESERV EXTREME-420	21.44				
								DESERV EXTREME-415	21.18				
					v	N type TOPCon Modules	DESERV SGALACTIC-635 (635 Wp)	DESERV SGALACTIC-635	22.76	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								DESERV SGALACTIC-630	22.59				
								DESERV SGALACTIC-625	22.41				
								DESERV SGALACTIC-620	22.23				
								DESERV SGALACTIC-615	22.05				
					vi	N type TOPCon Modules	DESERV SGALACTIC-590 (590 Wp)	DESERV SGALACTIC-590	22.87	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								DESERV SGALACTIC-585	22.68				
								DESERV SGALACTIC-580	22.48				
								DESERV SGALACTIC-575	22.29				
								DESERV SGALACTIC-570	22.09				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								DESERV SGALACTIC-565	21.90				
					vii	N type TOPCon Modules	DESERV SGALACTIC-490 (490 Wp)	DESERV SGALACTIC-490	22.60	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								DESERV SGALACTIC-485	22.37				
								DESERV SGALACTIC-480	22.13				
								DESERV SGALACTIC-475	21.90				
								DESERV SGALACTIC-470	21.67				
								DESERV SGALACTIC-465	21.44				
					viii	N type TOPCon Modules	DESERV SGALACTIC-440 (440 Wp)	DESERV SGALACTIC-440	22.46	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								DESERV SGALACTIC-435	22.21				
								DESERV SGALACTIC-430	21.95				
								DESERV SGALACTIC-425	21.70				
								DESERV SGALACTIC-420	21.44				
								DESERV SGALACTIC-415	21.18				
64	M/s. Oswal Solar Structure Pvt. Ltd.	Opp DD International Pvt Ltd, Link Road, Village Kutail, Karnal- 132037, Haryana, India	R-91013935	170	i	Mono c-Si PERC Module	OSWAL265MPD72 (265 Wp)	OSWAL255MPD72	19.06	72 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								OSWAL260MPD72	19.43				
								OSWAL265MPD72	19.80				
								OSWAL270MPD72	20.18				
								OSWAL275MPD72	20.55				
					ii	Mono c-Si PERC Module	OSWAL265MPN72 (265 Wp)	OSWAL255MPN72	19.06	72 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								OSWAL260MPN72	19.43				
								OSWAL265MPN72	19.80				
								OSWAL270MPN72	20.18				
								OSWAL275MPN72	20.55				
					iii	Mono c-Si PERC Module	OSWAL350MPD96 (350 Wp)	OSWAL335MPD96	19.06	96 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								OSWAL340MPD96	19.34				
								OSWAL345MPD96	19.63				
								OSWAL350MPD96	19.91				
								OSWAL355MPD96	20.20				
								OSWAL360MPD96	20.48				
								OSWAL365MPD96	20.76				
					iv	Mono c-Si PERC Module	OSWAL350MPN96 (350 Wp)	OSWAL335MPN96	19.06	96 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								OSWAL340MPN96	19.34				
								OSWAL345MPN96	19.63				
								OSWAL350MPN96	19.91				
								OSWAL355MPN96	20.20				
								OSWAL360MPN96	20.48				
								OSWAL365MPN96	20.76				
					v	Mono c-Si PERC Module	OSWAL390MPD108 (390 Wp)	OSWAL375MPD108	19.11	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								OSWAL380MPD108	19.37				
								OSWAL385MPD108	19.62				
								OSWAL390MPD108	19.88				
								OSWAL395MPD108	20.13				
								OSWAL400MPD108	20.39				
								OSWAL405MPD108	20.64				
					vi	Mono c-Si PERC Module	OSWAL410MPD108 (410 Wp)	OSWAL410MPD108	20.90	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					vii	Mono c-Si PERC Module	OSWAL390MPN108 (390 Wp)	OSWAL375MPN108	19.11	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								OSWAL380MPN108	19.37				
								OSWAL385MPN108	19.62				
								OSWAL390MPN108	19.88				
								OSWAL395MPN108	20.13				
								OSWAL400MPN108	20.39				
								OSWAL405MPN108	20.64				
					viii	Mono c-Si PERC Module	OSWAL410MPN108 (410 Wp)	OSWAL410MPN108	20.90	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					ix	Mono c-Si PERC Module	OSWAL435MPD120 (435 Wp)	OSWAL415MPD120	19.11	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								OSWAL420MPD120	19.34				
								OSWAL425MPD120	19.57				
								OSWAL430MPD120	19.80				
								OSWAL435MPD120	20.03				
								OSWAL440MPD120	20.26				
								OSWAL445MPD120	20.49				
								OSWAL450MPD120	20.72				
								OSWAL455MPD120	20.95				
								OSWAL415MPN120	19.11				
								OSWAL420MPN120	19.34				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					x	Mono c-Si PERC Module	OSWAL435MPN120 (435 Wp)	OSWAL425MPN120	19.57	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								OSWAL430MPN120	19.80				
								OSWAL435MPN120	20.03				
								OSWAL440MPN120	20.26				
								OSWAL445MPN120	20.49				
								OSWAL450MPN120	20.72				
								OSWAL455MPN120	20.95				
					xi	Mono c-Si PERC Module	OSWAL475MPD132 (475 Wp)	OSWAL455MPD132	19.20	132 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								OSWAL460MPD132	19.41				
								OSWAL465MPD132	19.62				
								OSWAL470MPD132	19.83				
								OSWAL475MPD132	20.04				
								OSWAL480MPD132	20.25				
								OSWAL485MPD132	20.46				
								OSWAL490MPD132	20.67				
								OSWAL495MPD132	20.88				
					xii	Mono c-Si PERC Module	OSWAL500MPD132 (500 Wp)	OSWAL500MPD132	21.10	132 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					xiii	Mono c-Si PERC Module	OSWAL475MPN132 (475 Wp)	OSWAL455MPN132	19.20	132 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								OSWAL460MPN132	19.41				
								OSWAL465MPN132	19.62				
								OSWAL470MPN132	19.83				
								OSWAL475MPN132	20.04				
								OSWAL480MPN132	20.25				
								OSWAL485MPN132	20.46				
								OSWAL490MPN132	20.67				
								OSWAL495MPN132	20.88				
					xiv	Mono c-Si PERC Module	OSWAL500MPN132 (500 Wp)	OSWAL500MPN132	21.10	132 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					xv	Mono c-Si PERC Module	OSWAL520MP144 (520 Wp)	OSWAL495MP144	19.16	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								OSWAL500MP144	19.35				
								OSWAL505MP144	19.54				
								OSWAL510MP144	19.74				
								OSWAL515MP144	19.94				
								OSWAL520MP144	20.13				
								OSWAL525MP144	20.32				
								OSWAL530MP144	20.51				
								OSWAL535MP144	20.71				
								OSWAL540MP144	20.90				
								OSWAL545MP144	21.09				
					xvi	Mono c-Si PERC Module	OSWAL550MP144 (550 Wp)	OSWAL550MP144	21.29	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					xvii	Mono c-Si PERC Module	OSWAL520MPN144 (520 Wp)	OSWAL495MPN144	19.16	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								OSWAL500MPN144	19.35				
								OSWAL505MPN144	19.54				
								OSWAL510MPN144	19.74				
								OSWAL515MPN144	19.94				
								OSWAL520MPN144	20.13				
								OSWAL525MPN144	20.32				
								OSWAL530MPN144	20.51				
								OSWAL535MPN144	20.71				
								OSWAL540MPN144	20.90				
								OSWAL545MPN144	21.09				
					xviii	Mono c-Si PERC Module	OSWAL550MPN144 (550 Wp)	OSWAL550MPN144	21.29	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					xix	Mono c-Si PERC Module	OSWAL570MP156 (570 Wp)	OSWAL550MP156	19.70	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								OSWAL555MP156	19.88				
								OSWAL560MP156	20.06				
								OSWAL565MP156	20.24				
								OSWAL570MP156	20.42				
								OSWAL575MP156	20.59				
								OSWAL580MP156	20.77				
								OSWAL585MP156	20.95				
								OSWAL590MP156	21.13				
								OSWAL595MP156	21.31				
65	**M/s. HQ Lamps**	**Plot No. 459-B, Sector - 53, Phase III,**	**R-91014206**	**46**				HQL144CMD520Wp	20.14				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
	Manufacturing Co Pvt Ltd.	EPIP Industrial Estate, Kundali, Sonipat-131028, Haryana, India			i	Mono c-Si PERC Modules	HQL144CMD535Wp (535 Wp)	HQL144CMD525Wp	20.34	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								HQL144CMD530Wp	20.53				
								HQL144CMD535Wp	20.73				
								HQL144CMD540Wp	20.92				
								HQL144CMD545Wp	21.12				
								HQL144CMD550Wp	21.31				
					ii	Mono c-Si PERC Modules	HQL144CMD505 Wp	HQL144CMD495Wp	19.18	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								HQL144CMD500Wp	19.36				
								HQL144CMD505Wp	19.55				
								HQL144CMD510Wp	19.74				
								HQL144CMD515Wp	19.94				
					iii	Mono c-Si PERC Modules	HQL132CMD 465Wp (465 Wp)	HQL132CMD450Wp	19.03	132 (Half Cut Cells)	1500		
								HQL132CMD455Wp	19.24				
								HQL132CMD460Wp	19.45				
								HQL132CMD465Wp	19.67				
								HQL132CMD470Wp	19.88				
								HQL132CMD475Wp	20.09				
								HQL132CMD480Wp	20.30				
					iv	Mono c-Si PERC Modules	HQL132CMD 490Wp (490 Wp)	HQL132CMD485Wp	20.51	132 (Half Cut Cells)	1500		
								HQL132CMD490Wp	20.72				
								HQL132CMD495Wp	20.93				
								HQL132CMD500Wp	21.15				
					v	Mono c-Si PERC Modules	HQL120CMD 425Wp (425 Wp)	HQL120CMD410Wp	19.02	120 (Half Cut Cells	1500	24.05.2024	23.05.2028
								HQL120CMD415Wp	19.25				
								HQL120CMD420Wp	19.48				
								HQL120CMD425Wp	19.71				
								HQL120CMD430Wp	19.94				
								HQL120CMD435Wp	20.18				
								HQL120CMD440Wp	20.41				
					vi	Mono c-Si PERC Modules	HQL120CMD 450Wp (450 Wp)	HQL120CMD445Wp	20.64	120 (Half Cut Cells)	1500		
								HQL120CMD450Wp	20.87				
								HQL120CMD455Wp	21.10				
					vii	Mono c-Si PERC Modules	HQL108CMD 385Wp (385 Wp)	HQL108CMD370Wp	19.13	108 (Half Cut Cells)	1500		
								HQL108CMD375Wp	19.38				
								HQL108CMD380Wp	19.64				
								HQL108CMD385Wp	19.90				
								HQL108CMD390Wp	20.16				
								HQL108CMD395Wp	20.42				
					viii	Mono c-Si Modules	HQL36CMD1 20Wp(120 Wp)	HQL36CMN120Wp	19.88	36 (Half Cut Cells)	600		
66	M/s. ADM Solar Power & Infrastructure Pvt. Ltd.	Plot No: 22/1, The Printer House Private Limited, Mathura Road, Ballabgarh, Sikri Industrial Area, Faridabad, Haryana -121004, India	R-93011576	141	i	Mono c-Si PERC Module	ADM270-72M (270Wp)	ADM260-72M	19.76	72 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								ADM265-72M	20.14				
								ADM270-72M	20.52				
								ADM275-72M	20.90				
								ADM280-72M	21.28				
					ii	Mono c-Si PERC Module	ADM360-96M (360Wp)	ADM350-96M	19.93	96 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								ADM355-96M	20.22				
								ADM360-96M	20.50				
								ADM365-96M	20.79				
								ADM370-96M	21.07				
					iii	Mono c-Si PERC Module	ADM405-108M (405Wp)	ADM400-108M	20.33	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								ADM405-108M	20.58				
								ADM410-108M	20.83				
								ADM415-108M	21.09				
					iv	Mono c-Si PERC Module	ADM450-120M (450Wp)	ADM445-120M	20.43	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								ADM450-120M	20.66				
								ADM455-120M	20.89				
								ADM460-120M	21.12				
								ADM485-132M	20.31				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					v	Mono c-Si PERC Module	ADM500-132M (500Wp)	ADM490-132M	20.52	132 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								ADM495-132M	20.73				
								ADM500-132M	20.94				
								ADM505-132M	21.15				
								ADM510-132M	21.36				
					vi	Mono c-Si PERC Module	ADM525-144M (525Wp)	ADM500-144M	19.38	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								ADM505-144M	19.58				
								ADM510-144M	19.77				
								ADM515-144M	19.97				
								ADM520-144M	20.16				
								ADM525-144M	20.35				
								ADM530-144M	20.51				
								ADM535-144M	20.71				
								ADM540-144M	20.90				
								ADM545-144M	21.09				
								ADM550-144M	21.29				
								ADM555-144M	21.48				
					vii	Mono c-Si PERC Module	ADM590-156M (590Wp)	ADM575-156M	20.57	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								ADM580-156M	20.74				
								ADM585-156M	20.92				
								ADM590-156M	21.10				
67	M/s. Cosmic PV Power Pvt. Ltd.	Survey No. 1605/1, Block No. 2098/1/B, Tadkeshvar, Mandavi, Surat-394170, Gujarat, India	R-72009539	185	i	Mono c-Si PERC Module	COS TWIN-525 (525Wp)	COS TWIN-510	19.74	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								COS TWIN-515	19.93				
								COS TWIN-520	20.13				
								COS TWIN-525	20.32				
								COS TWIN-530	20.51				
								COS TWIN-535	20.71				
								COS TWIN-540	20.90				
								COS TWIN-545	21.10				
								COS TWIN-550	21.30				
68	M/s. Luminous Power Technologies Pvt. Ltd.	Plot No- CP-17 To CP-22, Sector-City Park, Luminous Plant, P.N.D.T IIE Sidcul, Pant Nagar, Rudrapur, Udham Singh Nagar - 263153, Uttarakhand, India	R- 83011410	300	i	Mono c-Si PERC Module	LUM 24570M (570 Wp)	LUM 24590M	21.11	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								LUM 24585M	20.93				
								LUM 24580M	20.75				
								LUM 24575M	20.57				
								LUM 24570M	20.39				
								LUM 24565M	20.21				
								LUM 24560M	20.03				
								LUM 24555M	19.85				
					ii	Mono c-Si PERC Module	LUM 24525M (525 Wp)	LUM 24550M	21.28	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								LUM 24545M	21.09				
								LUM 24540M	20.89				
								LUM 24535M	20.70				
								LUM 24530M	20.51				
								LUM 24525M	20.31				
								LUM 24520M	20.12				
								LUM 24515M	19.93				
								LUM 24510M	19.73				
								LUM 24505M	19.54				
								LUM 24500M	19.34				
					iii	Mono c-Si PERC Module	LUM 24475M (475 Wp)	LUM 24495M	20.85	132 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								LUM 24490M	20.64				
								LUM 24485M	20.43				
								LUM 24480M	20.22				
								LUM 24475M	20.01				
								LUM 24470M	19.80				
								LUM 24465M	19.59				
								LUM24460M	19.38				
								LUM24455M	19.17				
					iv	Mono c-Si PERC Module	LUM 24430M (430 Wp)	LUM 24450M	20.80	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								LUM 24445M	20.57				
								LUM 24440M	20.33				
								LUM 24435M	20.10				
								LUM 24430M	19.87				
								LUM 24425M	19.64				
								LUM 24420M	19.41				
								LUM 24400M	20.48				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					v	Mono c-Si PERC Module	LUM 24385M (385 Wp)	LUM 24395M	20.23	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								LUM 24390M	19.97				
								LUM 24385M	19.71				
								LUM 24380M	19.46				
								LUM 24375M	19.20				
					vi	N type TOPCon Modules	LUM 24600T156 (600 Wp)	LUM 24630T156	22.54	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								LUM 24625T156	22.36				
								LUM 24620T156	22.18				
								LUM 24615T156	22.00				
								LUM 24610T156	21.82				
								LUM 24605T156	21.64				
								LUM 24600T156	21.46				
								LUM 24595T156	21.28				
								LUM 24590T156	21.11				
								LUM 24585T156	20.93				
								LUM 24580T156	20.75				
								LUM 24575T156	20.57				
								LUM 24570T156	20.39				
					vii	N type TOPCon Modules	LUM 24565T144 (565 Wp)	LUM 24590T144	22.83	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								LUM 24585T144	22.63				
								LUM 24580T144	22.44				
								LUM 24575T144	22.25				
								LUM 24570T144	22.05				
								LUM 24565T144	21.86				
								LUM 24560T144	21.67				
								LUM 24555T144	21.47				
								LUM 24550T144	21.28				
								LUM 24545T144	21.09				
								LUM 24540T144	20.89				
					viii	N type TOPCon Modules	LUM 24535T144 (535 Wp)	LUM 24535T144	20.70	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					ix	Bifacial N-TypeTOPCon Module (Glass to Glass)	LUM24540TG144 (540 Wp)	LUM 24540TG144	20.89	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					x	Bifacial N-TypeTOPCon Module (Glass to Glass)	LUM24540TG144 (570 Wp)	LUM 24545TG144	21.09	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								LUM 24550TG144	21.28				
								LUM 24555TG144	21.48				
								LUM 24560TG144	21.67				
								LUM 24565TG144	21.86				
								LUM 24570TG144	22.06				
								LUM 24575TG144	22.25				
								LUM 24580TG144	22.44				
								LUM 24585TG144	22.64				
								LUM 24590TG144	22.83				
								LUM 24595TG144	23.02				
					xi	Bifacial N-TypeTOPCon Module (Glass to Glass)	LUM24600TG156 (600 Wp)	LUM 24570TG156	20.39	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								LUM 24575TG156	20.57				
								LUM 24580TG156	20.75				
								LUM 24585TG156	20.93				
								LUM 24590TG156	21.11				
								LUM 24595TG156	21.29				
								LUM 24600TG156	21.46				
								LUM 2460STG156	21.64				
								LUM 24610TG156	21.82				
								LUM 24615TG156	22.00				
								LUM 24620TG156	22.18				
								LUM 24625TG156	22.36				
								LUM 24630TG156	22.54				
					xii	Bifacial Mono C-Si PERC Module (Glass to Glass)	LUM24575MG (575Wp)	LUM 24560MG	20.03	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								LUM 24565MG	20.21				
								LUM 24570MG	20.39				
								LUM 24575MG	20.57				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
						Module (Glass to Glass)		LUM 24580MG	20.75				
								LUM 24585MG	20.93				
								LUM 24590MG	21.11				
					xiii	Bifacial Mono C-Si PERC Module (Glass to Glass)	LUM 24500MG (500 Wp)	LUM 24500MG	19.35	144(Half Cut Cells)	1500	24.05.2024	23.05.2028
					xiv	Bifacial Mono C-Si PERC Module (Glass to Glass)	LUM 24530MG (530 Wp)	LUM 24505MG	19.54	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								LUMI 24510MG	19.73				
								LUM 24515MG	19.93				
								LUM 24520MG	20.12				
								LUM 24525MG	20.31				
								LUM 24530MG	20.51				
								LUM 24535MG	20.70				
								LUM 24540MG	20.89				
								LUM 24545MG	21.09				
								LUM 24550MG	21.28				
								LUM 24555MG	21.48				
					xv	Bifacial Mono C-Si PERC Module (Glass to Glass)	LUM 24475MG (475 Wp)	LUM 24455MG	19.17	132 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								LUM 24460MG	19.38				
								LUM 24465MG	19.59				
								LUM 24470MG	19.80				
								LUM 24475MG	20.01				
								LUM 24480MG	20.22				
								LUM 24485MG	20.43				
								LUM 24490MG	20.64				
								LUM 24495MG	20.86				
					xvi	Bifacial Mono c- Si PERC Module (Glass to Glass)	LUM 24430MG (430 Wp)	LUM 2415MG	19.18	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								LUM 24420MG	19.41				
								LUM 24425MG	19.64				
								LUM 24430MG	19.87				
								LUM 24435MG	20.10				
								LUM 24440MG	20.34				
								LUM 24445MG	20.57				
								LUM 24450MG	20.80				
					xvii	Bifacial Mono c- Si PERC Module (Glass to Glass)	LUM 24385MG (385 Wp)	LUM 24375MG	19.20	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								LUM 24380MG	19.46				
								LUM 24385MG	19.72				
								LUM 24390MG	19.97				
								LUM 24395MG	20.23				
								LUM 24400MG	20.48				
			R- 83011479		xviii	Mono c-Si PERC Module	AMS 24570M (570 Wp)	AMS 24590M	21.11	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								AMS 24585M	20.93				
								AMS 24580M	20.75				
								AMS 24575M	20.57				
								AMS 24570M	20.39				
								AMS 24565M	20.21				
								AMS 24560M	20.03				
								AMS 24555M	19.85				
					xix	Mono c-Si PERC Module	AMS 24530M (530 Wp)	AMS 24550M	21.28	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								AMS 24545M	21.09				
								AMS 24540M	20.89				
								AMS 24535M	20.70				
								AMS 24530M	20.51				
								AMS 24525M	20.31				
								AMS 24520M	20.12				
								AMS 24515M	19.93				
								AMS 24510M	19.74				
								AMS 24505M	19.54				
								AMS 24500M	19.35				
					xx	Mono c-Si PERC Module	AMS 24475M (475 Wp)	AMS 24495M	20.85	132 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								AMS 24490M	20.64				
								AMS 24485M	20.43				
								AMS 24480M	20.22				
								AMS 24475M	20.01				
								AMS 24470M	19.80				
								AMS 24465M	19.59				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								AMS24460M	19.38				
								AMS24455M	19.17				
					xxi	Mono c-Si PERC Module	AMS 24430M (430 Wp)	AMS 24450M	20.80	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								AMS 24445M	20.57				
								AMS 24440M	20.33				
								AMS 24435M	20.10				
								AMS 24430M	19.87				
								AMS 24425M	19.64				
								AMS 24420M	19.41				
								AMS 24415M	19.18				
					xxii	Mono c-Si PERC Module	AMS 24385M (385 Wp)	AMS 24400M	20.48	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								AMS 24395M	20.23				
								AMS 24390M	19.97				
								AMS 24385M	19.71				
								AMS 24380M	19.46				
								AMS 24375M	19.20				
					xxiii	N type TOPCon Modules	AMS 24600T156 (600 Wp)	AMS 24630T156	22.54	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								AMS 24625T156	22.36				
								AMS 24620T156	22.18				
								AMS 24615T156	22.00				
								AMS 24610T156	21.82				
								AMS 24605T156	21.64				
								AMS 24600T156	21.46				
								AMS 24595T156	21.28				
								AMS 24590T156	21.11				
								AMS 24585T156	20.93				
								AMS 24580T156	20.75				
								AMS 24575T156	20.57				
								AMS 24570T156	20.39				
					xxiv	N type TOPCon Modules	AMS 24560T144 (560 Wp)	AMS 24590T144	22.83	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								AMS 24585T144	22.63				
								AMS 24580T144	22.44				
								AMS 24575T144	22.25				
								AMS 24570T144	22.05				
								AMS 24565T144	21.86				
								AMS 24560T144	21.67				
								AMS 24555T144	21.47				
								AMS 24550T144	21.28				
								AMS 24545T144	21.09				
								AMS 24540T144	20.89				
					xxv	N type TOPCon Modules	AMS 24535T144 (535 Wp)	AMS 24535T144	20.70	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					xxvi	Bifacial N-Type TOPCon Module (Glass to Glass)	AMS 24540TG144 (540 Wp)	AMS 24540TG144	20.89	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					xxvii	Bifacial N-Type TOPCon Module (Glass to Glass)	AMS 24570TG144 (570 Wp)	AMS 24545TG144	21.09	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								AMS 24550TG144	21.28				
								AMS 24555TG144	21.48				
								AMS 24560TG144	21.67				
								AMS 24565TG144	21.86				
								AMS 24570TG144	22.06				
								AMS 24575TG144	22.25				
								AMS 24580TG144	22.44				
								AMS 24585TG144	22.64				
								AMS 24590TG144	22.83				
								AMS 24595TG144	23.02				
					xxviii	Bifacial N-Type TOPCon Module (Glass to Glass)	AMS 24600TG156 (600 Wp)	AMS 24570TG156	20.39	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								AMS 24575TG156	20.57				
								AMS 24580TG156	20.75				
								AMS 24585TG156	20.93				
								AMS 24590TG156	21.11				
								AMS 24595TG156	21.29				
								AMS 24600TG156	21.46				
								AMS 24605TG156	21.64				
								AMS 24610TG156	21.82				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								AMS 24615TG156	22.00				
								AMS 24620TG156	22.18				
								AMS 24625TG156	22.36				
								AMS 24630TG156	22.54				
					xxix	Bifacial Mono c-Si PERC Module (Glass to Glass)	AMS 24575MG (575 Wp)	AMS 24560MG	20.03	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								AMS 24565MG	20.21				
								AMS 24570MG	20.39				
								AMS 24575MG	20.57				
								AMS 24580MG	20.75				
								AMS 24585MG	20.93				
								AMS 24590MG	21.11				
					xxx	Bifacial Mono c-Si PERC Module (Glass to Glass)	AMS 24500MG (500 Wp)	AMS 24500MG	19.35	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					xxxi	Bifacial Mono c-Si PERC Module (Glass to Glass)	AMS 24530MG (530 Wp)	AMS 24505MG	19.54	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								AMS 24510MG	19.73				
								AMS 24515MG	19.93				
								AMS 24520MG	20.12				
								AMS 24525MG	20.31				
								AMS 24530MG	20.51				
								AMS 24535MG	20.70				
								AMS 24540MG	20.89				
								AMS 24545MG	21.09				
								AMS 24550MG	21.28				
								AMS 24555MG	21.48				
					xxxii	Bifacial Mono c-Si PERC Module (Glass to Glass)	AMS 24475MG (475 Wp)	AMS 24455MG	19.17	132 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								AMS 24460MG	19.38				
								AMS 24465MG	19.59				
								AMS 24470MG	19.80				
								AMS 24475MG	20.01				
								AMS 24480MG	20.22				
								AMS 24485MG	20.43				
								AMS 24490MG	20.64				
								AMS 24495MG	20.86				
					xxxiii	Bifacial Mono c-Si PERC Module (Glass to Glass)	AMS 24430MG (430 Wp)	AMS 24415MG	19.18	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								AMS 24420MG	19.41				
								AMS 24425MG	19.64				
								AMS 24430MG	19.87				
								AMS 24435MG	20.10				
								AMS 24440MG	20.34				
								AMS 24445MG	20.57				
								AMS 24450MG	20.80				
					xxxiv	Bifacial Mono c-Si PERC Module (Glass to Glass)	AMS 24385MG (385 Wp)	AMS 24375MG	19.20	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								AMS 24380MG	19.46				
								AMS 24385MG	19.72				
								AMS 24390MG	19.97				
								AMS 24395MG	20.23				
								AMS 24400MG	20.48				
69	**M/s. Tata Power Renewable Energy Limited** (Formerly M/s. Tata Power Solar Systems Ltd)	**Plot No. 24-B, Industrial Shed, SY No 123, Jigani 1st Phase, Industrial Area, Jigani, Anekal Taluk, Hobli, Bengaluru, Rural Karnataka-560105, India**	**R-62002585**	**94**	i	Mono c-Si PERC Modules	TP520HG10 (520 Wp)	TP495HG10	19.20	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								TP500HG10	19.40				
								TP505HG10	19.59				
								TP510HG10	19.79				
								TP515HG10	19.98				
								TP520HG10	20.17				
								TP525HG10	20.37				
								TP530HG10	20.56				
								TP535HG10	20.76				
								TP540HG10	20.95				
								TP545HG10	21.10				
70	**M/s. PV Power Technologies Private Limited**	**Plot No.60, Tarapur Textile Park limited, Boisar Chillar Road, Sai Baba Bolevard Township, Boisar East, Palghar - 401501, Maharashtra, India**	**R-71007650**	**86**	i	Mono c-Si PERC Module	ECO 400MH (400 Wp)	ECO 380MH	19.11	72 (Full Cells)	1500	08.07.2024	07.07.2028
								ECO 385MH	19.36				
								ECO 390MH	19.62				
								ECO 395MH	19.87				
								ECO 400MH	20.12				
		Co-ALMM with M/s. Rayzon Solar Private Limited	**R-72012084**	**50 MW for 2 Years (As per Co-Branding**				ECO 535M10HC144T	20.73				
								ECO 540M10HC144T	20.92				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
		Manufacturing Address: **Block No. 94/1/1F, 94/1/3, 102/1, 103, 104, 105, 109, 110, 118, 119, 120, Kim Mandvi Road, Near Hariya Talav, B/H Aron Pipe, Kim Mandvi Road, Karanj, Surat - 394110, Gujarat, India.**		**Agreement)**	ii	Bifacial N-Type TOPCon Module (Glass to Glass)	ECO 560M10HC144T (560Wp)	ECO 545M10HC144T	21.12	144 (Half Cut Cells)	1500	Date of inclusion in ALMM	01.09.2026
								ECO 550M10HC144T	21.31				
								ECO 555M10HC144T	21.50				
								ECO 560M10HC144T	21.70				
								ECO 565M10HC144T	21.89				
								ECO 570M10HC144T	22.08				
								ECO 575M10HC144T	22.28				
								ECO 580M10HC144T	22.47				
								ECO 585M10HC144T	22.66				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	ECO 510M10HC132T (510Wp)	ECO 485M10HC132T	20.43	132 (Half Cut Cells)	1500	Date of inclusion in ALMM	01.09.2026
								ECO 490M10HC132T	20.64				
								ECO 495M10HC132T	20.85				
								ECO 500M10HC132T	21.06				
								ECO 505M10HC132T	21.27				
								ECO 510M10HC132T	21.49				
								ECO 515M10HC132T	21.70				
								ECO 520M10HC132T	21.91				
								ECO 525M10HC132T	22.12				
								ECO 530M10HC132T	22.33				
								ECO 535M10HC132T	22.54				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	ECO 465M10HC120T (465Wp)	ECO 445M10HC120	20.54	120 (Half Cut Cells)	1500	Date of inclusion in ALMM	01.09.2026
								ECO 450M10HC120	20.77				
								ECO 455M10HC120	21.00				
								ECO 460M10HC120	21.23				
								ECO 465M10HC120	21.46				
								ECO 470M10HC120	21.70				
								ECO 475M10HC120	21.93				
								ECO 480M10HC120	22.16				
								ECO 485M10HC120	22.39				
					v	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ECO 530M10HC144B (530Wp)	ECO 505M10HC144B	19.56	144 (Half Cut Cells)	1500	Date of inclusion in ALMM	01.09.2026
								ECO 510M10HC144B	19.76				
								ECO 515M10HC144B	19.95				
								ECO 520M10HC144B	20.15				
								ECO 525M10HC144B	20.34				
								ECO 530M10HC144B	20.53				
								ECO 535M10HC144B	20.73				
								ECO 540M10HC144B	20.92				
								ECO 545M10HC144B	21.12				
								ECO 550M10HC144B	21.31				
								ECO 555M10HC144B	21.50				
								ECO 560M10HC144B	21.70				
					vi	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ECO 480M10HC132B (480Wp)	ECO 460M10HC132B	19.40	132 (Half Cut Cells)	1500	Date of inclusion in ALMM	01.09.2026
								ECO 465M10HC132B	19.60				
								ECO 470M10HC132B	19.84				
								ECO 475M10HC132B	20.02				
								ECO 480M10HC132B	20.26				
								ECO 485M10HC132B	20.46				
								ECO 490M10HC132B	20.66				
								ECO 495M10HC132B	20.87				
								ECO 500M10HC132B	21.08				
					vii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ECO 435M10HC120B (435Wp)	ECO 415M10HC120B	19.18	120(Half Cut Cells)	1500	Date of inclusion in ALMM	01.09.2026
								ECO 420M10HC120B	19.42				
								ECO 425M10HC120B	19.65				
								ECO 430M10HC120B	19.86				
								ECO 435M10HC120B	20.10				
								ECO 440M10HC120B	20.35				
								ECO 445M10HC120B	20.58				
								ECO 450M10HC120B	20.81				
								ECO 455M10HC120B	21.02				
					viii	Mono c-Si PERC Module	ECO 535M10HC144 (535Wp)	ECO 515M10HC144	19.96	144 (Half Cut Cells)	1500	Date of inclusion in ALMM	01.09.2026
								ECO 520M10HC144	20.17				
								ECO 525M10HC144	20.34				
								ECO 530M10HC144	20.55				
								ECO 535M10HC144	20.74				
								ECO 540M10HC144	20.94				
								ECO 545M10HC144	21.10				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								ECO 550M10HC144	21.32				
								ECO 555M10HC144	21.52				
								ECO 560M10HC144	21.71				
					ix	Mono c-Si PERC Module	ECO490 M10HC132 (490 Wp)	ECO470 M10HC132	19.84	132 (Half Cut Cells)	1500	Date of inclusion in ALMM	01.09.2026
								ECO475 M10HC132	20.02				
								ECO480 M10HC132	20.26				
								ECO485 M10HC132	20.46				
								ECO490 M10HC132	20.66				
								ECO495 M10HC132	20.87				
								ECO500 M10HC132	21.06				
								ECO505 M10HC132	21.28				
								ECO510 M10HC132	21.49				
					x	Mono c-Si PERC Module	ECO 445M10HC120 (445Wp)	ECO 425M10HC120	19.67	120 (Half Cut Cells)	1500	Date of inclusion in ALMM	01.09.2026
								ECO 430M10HC120	19.88				
								ECO 435M10HC120	20.12				
								ECO 440M10HC120	20.37				
								ECO 445M10HC120	20.60				
								ECO 450M10HC120	20.84				
								ECO 455M10HC120	21.00				
								ECO 460M10HC120	21.23				
								ECO 465M10HC120	21.47				
					xi	Bifacial Mono c-Si PERC (Glass to Glass)	ECO 530M10HC144G (530Wp)	ECO 505M10HC144G	19.57	144 (Half Cut Cells)	1500	Date of inclusion in ALMM	01.09.2026
								ECO 510M10HC144G	19.76				
								ECO 515M10HC144G	19.95				
								ECO 520M10HC144G	20.15				
								ECO 525M10HC144G	20.34				
								ECO 530M10HC144G	20.53				
								ECO 535M10HC144G	20.73				
								ECO 540M10HC144G	20.92				
								ECO 545M10HC144G	21.31				
								ECO 550M10HC144G	21.31				
								ECO 555M10HC144G	21.50				
					xii	Bifacial Mono c-Si PERC Module (Glass to Glass)	ECO 480M10HC132G (480Wp)	ECO 460M10HC132G	19.40	132 (Half Cut Cells)	1500	Date of inclusion in ALMM	01.09.2026
								ECO 465M10HC132G	19.60				
								ECO 470M10HC132G	19.84				
								ECO 475M10HC132G	20.02				
								ECO 480M10HC132G	20.26				
								ECO 485M10HC132G	20.46				
								ECO 490M10HC132G	20.66				
								ECO 495M10HC132G	20.87				
								ECO 500M10HC132G	21.08				
					xiii	Bifacial Mono c-Si PERC Module (Glass to Glass)	ECO 435M10HC120G (435Wp)	ECO 415M10HC120G	19.18	120 (Half Cut Cells)	1500	Date of inclusion in ALMM	01.09.2026
								ECO 420M10HC120G	19.42				
								ECO 425M10HC120G	19.65				
								ECO 430M10HC120G	19.86				
								ECO 435M10HC120G	20.10				
								ECO 440M10HC120G	20.35				
								ECO 445M10HC120G	20.58				
								ECO 450M10HC120G	20.81				
								ECO 455M10HC120G	21.02				
71	**M/s. Emmvee Energy Private Limited**	**Sy. No. 66-70/3, Sompura Industrial Area, Pemmanahalli Village, Sompura Hobli, Nelamangala Taluk, Bengaluru Rural District, Karnataka - 562111, India**	**R-62004626**	**1504**	i	Bifacial Mono c-Si PERC Modules (Glass to Glass)	E525HCBG144 (525 Wp)	E550HCBG144	21.29	144 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								E545HCBG144	21.10				
								E540HCBG144	20.90				
								E535HCBG144	20.71				
								E530HCBG144	20.52				
								E525HCBG144	20.32				
								E520HCBG144	20.13				
								E515HCBG144	19.94				
								E510HCBG144	19.74				
								E505HCBG144	19.55				
								E500HCBG144	19.36				
					ii	Bifacial Mono c-Si PERC Modules (Glass to Glass)	E495HCBG144 (495 Wp)	E495HCBG144	19.16	144 (Half Cut Cells)	1500	08.07.2024	07.07.2028
						Bifacial Mono c-Si PERC		E500HCBG132	21.03				
							E490HCBG132	E495HCBG132	20.82				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					iii	Modules (Glass to Glass)	E490HCBG132 (490 Wp)	E490HCBG132	20.61	132 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								E485HCBG132	20.40				
								E480HCBG132	20.19				
					iv	Bifacial Mono c-Si PERC Modules (Glass to Glass)	E430HCBG120 (430 Wp)	E450HCBG120	20.74	120 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								E445HCBG120	20.51				
								E440HCBG120	20.28				
								E435HCBG120	20.05				
								E430HCBG120	19.82				
								E425HCBG120	19.59				
								E420HCBG120	19.36				
								E415HCBG120	19.13				
					v	Bifacial Mono c-Si PERC Modules (Glass to Glass)	E395HCBG108 (395 Wp)	E405HCBG108	20.76	108 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								E400HCBG108	20.51				
								E395HCBG108	20.25				
								E390HCBG108	20.00				
								E385HCBG108	19.74				
					vi	Bifacial N-Type TOPCon Modules (Glass to Glass)	E555HCBG144-T (555 Wp)	E580HCBG144-T	22.45	144 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								E575HCBG144-T	22.26				
								E570HCBG144-T	22.07				
								E565HCBG144-T	21.87				
								E560HCBG144-T	21.68				
								E555HCBG144-T	21.48				
								E550HCBG144-T	21.29				
								E545HCBG144-T	21.10				
								E540HCBG144-T	20.90				
								E535HCBG144-T	20.71				
								E530HCBG144-T	20.52				
					vii	Bifacial N-Type TOPCon Modules (Glass to Glass)	E525HCBG144-T (525 Wp)	E525HCBG144-T	20.32	144 (Half Cut Cells)	1500	08.07.2024	07.07.2028
					viii	Bifacial N-Type TOPCon Modules (Glass to Glass)	E505HCBG132-T (505 Wp)	E530HCBG132-T	22.29	132 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								E525HCBG132-T	22.08				
								E520HCBG132-T	21.87				
								E515HCBG132-T	21.66				
								E510HCBG132-T	21.45				
								E505HCBG132-T	21.24				
								E500HCBG132-T	21.03				
								E495HCBG132-T	20.82				
								E490HCBG132-T	20.61				
								E485HCBG132-T	20.40				
								E480HCBG132-T	20.19				
					ix	Bifacial N-Type TOPCon Modules (Glass to Glass)	E460HCBG120-T (460 Wp)	E480HCBG120-T	22.13	120 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								E475HCBG120-T	21.90				
								E470HCBG120-T	21.67				
								E465HCBG120-T	21.44				
								E460HCBG120-T	21.20				
								E455HCBG120-T	20.97				
								E450HCBG120-T	20.74				
								E445HCBG120-T	20.51				
								E440HCBG120-T	20.28				
					x	Bifacial N-Type TOPCon Modules (Glass to Glass)	E415HCBG108-T (415 Wp)	E435HCBG108-T	22.30	108 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								E430HCBG108-T	22.05				
								E425HCBG108-T	21.79				
								E420HCBG108-T	21.53				
								E415HCBG108-T	21.28				
								E410HCBG108-T	21.02				
								E405HCBG108-T	20.76				
								E400HCBG108-T	20.51				
								E395HCBG108-T	20.25				
72	**M/s. Lubi Electronics**	**Survey No. 75, Opposite Essar Petrol Pump, Prantiya, Gandinagar - 382355, Gujarat, India**	**R-72002380**	**40**	i	Mono c-Si PERC Module	LE24M395 (395 Wp)	LE24M410	20.88	72 (Full Cells)	1500	08.07.2024	07.07.2028
								LE24M405	20.63				
								LE24M400	20.37				
								LE24M395	20.12				
								LE24M390	19.86				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								LE24M385	19.61				
								LE24M380	19.36				
		Co-ALMM with M/s. Solex Energy Limited **Manufacturing Address: Plot No 1A, Block 938, Tadkeshwar, Kim Mandvi Road, Mandvi, Surat - 394110, Gujarat, India**	**R-72011304**	**20 MW/Year (As per Co-Branding Agreement)**	ii	Mono c-Si PERC Module	LE144M530H (530 Wp)	LE144M555H	21.48	144 (Half Cut Cells)	1500	02.12.2024	12.09.2025
								LE144M550H	21.29				
								LE144M545H	21.10				
								LE144M540H	20.90				
								LE144M535H	20.71				
								LE144M530H	20.52				
								LE144M525H	20.32				
								LE144M520H	20.13				
								LE144M515H	19.94				
								LE144M510H	19.74				
								LE144M505H	19.55				
					iii	Mono c-Si PERC Module	LE144M500H (500 Wp)	LE144M500H	19.35	144 (Half Cut Cells)	1500	02.12.2024	12.09.2025
					iv	Bifacial Mono c-Si PERC Module	LE144MBF525H (525 Wp)	LE144MBF550H	21.29	144 (Half Cut Cells)	1500	02.12.2024	12.09.2025
								LE144MBF545H	21.10				
								LE144MBF540H	20.90				
								LE144MBF535H	20.71				
								LE144MBF530H	20.52				
								LE144MBF525H	20.32				
								LE144MBF520H	20.13				
								LE144MBF515H	19.94				
								LE144MBF510H	19.74				
								LE144MBF505H	19.55				
								LE144MBF500H	19.35				
					v	Mono c-Si PERC Module	LE132M485H (485 Wp)	LE132M505H	21.26	132 (Half Cut Cells)	1500	02.12.2024	12.09.2025
								LE132M500H	21.05				
								LE132M495H	20.83				
								LE132M490H	20.62				
								LE132M485H	20.41				
								LE132M480H	20.20				
								LE132M475H	19.99				
								LE132M470H	19.78				
								LE132M465H	19.57				
								LE132M460H	19.36				
					vi	Bifacial Mono c-Si PERC Module	LE132MBF480H (480 Wp)	LE132MBF500H	21.05	132 (Half Cut Cells)	1500	02.12.2024	12.09.2025
								LE132MBF495H	20.83				
								LE132MBF490H	20.62				
								LE132MBF485H	20.41				
								LE132MBF480H	20.20				
								LE132MBF475H	19.99				
								LE132MBF470H	19.78				
								LE132MBF465H	19.57				
								LE132MBF460H	19.36				
					vii	Bifacial Mono c-Si PERC Module	LE132MBF455H (455 Wp)	LE132MBF455H	19.15	132 (Half Cut Cells)	1500	02.12.2024	12.09.2025
					viii	Mono c-Si PERC Module	LE120M440H (440 Wp)	LE120M460H	21.18	120 (Half Cut Cells)	1500	02.12.2024	12.09.2025
								LE120M455H	20.95				
								LE120M450H	20.72				
								LE120M445H	20.49				
								LE120M440H	20.26				
								LE120M435H	20.03				
								LE120M430H	19.80				
								LE120M425H	19.57				
					ix	Mono c-Si PERC Module	LE120M420H (420 Wp)	LE120M420H	19.34	120 (Half Cut Cells)	1500	02.12.2024	12.09.2025
					x	Bifacial Mono c-Si PERC Module	LE120MBF435H (435 Wp)	LE120MBF455H	20.95	120 (Half Cut Cells)	1500	02.12.2024	12.09.2025
								LE120MBF450H	20.72				
								LE120MBF445H	20.49				
								LE120MBF440H	20.26				
								LE120MBF435H	20.03				
								LE120MBF430H	19.80				
								LE120MBF425H	19.57				
								LE120MBF420H	19.34				
								LE120MBF415H	19.11				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					xi	Mono c-Si PERC Module	LE108M400H (400 Wp)	LE108M415H	21.15	108 (Half Cut Cells)	1500	02.12.2024	12.09.2025
								LE108M410H	20.90				
								LE108M405H	20.64				
								LE108M400H	20.39				
								LE108M395H	20.13				
								LE108M390H	19.88				
								LE108M385H	19.62				
								LE108M380H	19.37				
					xii	Mono c-Si PERC Module	LE108M375H (375 Wp)	LE108M375H	19.11	108 (Half Cut Cells)	1500	02.12.2024	12.09.2025
					xiii	Bifacial Mono c-Si PERC Module	LE108MBF385H (385 Wp)	LE108MBF410H	20.90	108 (Half Cut Cells)	1500	02.12.2024	12.09.2025
								LE108MBF405H	20.64				
								LE108MBF400H	20.39				
								LE108MBF395H	20.13				
								LE108MBF390H	19.88				
								LE108MBF385H	19.62				
								LE108MBF380H	19.37				
								LE108MBF375H	19.11				
73	M/s Avaada Electro Private Limited	Khasra No. 1145, 1146, 1150, 1151, 1152, 1154, 1156, Village - Kot, Tehsil - Dadri, Pargana, Dadri, Gautam Buddha Nagar - 203207, Uttar Pradesh, India	R-93030724	1165	i	Bifacial N-Type TOPCon Modules	AVN72M10G575 (575 Wp)	AVN72M10G565	21.87	144 (Half Cut Cells)	1500	28.08.2024	27.08.2028
								AVN72M10G570	22.06				
								AVN72M10G575	22.26				
								AVN72M10G580	22.45				
								AVN72M10G585	22.64				
					ii	Bifacial N-Type TOPCon Modules	AVN66M10G525 (525 Wp)	AVN66M10G515	21.69	132 (Half Cut Cells)	1500	28.08.2024	27.08.2028
								AVN66M10G520	21.90				
								AVN66M10G525	22.11				
								AVN66M10G530	22.32				
								AVN66M10G535	22.53				
					iii	Bifacial N-Type TOPCon Modules	AVN60M10G475 (475 Wp)	AVN60M10G465	21.47	120 (Half Cut Cells)	1500	28.08.2024	27.08.2028
								AVN60M10G470	21.70				
								AVN60M10G475	21.93				
								AVN60M10G480	22.16				
								AVN60M10G485	22.39				
74	M/s. Laxmi Solar Power System Private Limited	Khasra No. 192, Harsun Tildahdih Kharora near ITBP camp, Raipur - 493225, Chhattisgarh, India	R-59000442	121	i	Mono c-Si PERC Modules	LSP 530 (530 Wp)	LSP 520	20.13	144 (Half Cut Cells)	1500	28.08.2024	27.08.2028
								LSP 525	20.32				
								LSP 530	20.52				
								LSP 535	20.71				
								LSP 540	20.90				
					ii	Mono c-Si PERC Modules	LSP 435 (435 Wp)	LSP 420	19.41	120 (Half Cut Cells)	1500	28.08.2024	27.08.2028
								LSP 425	19.64				
								LSP 430	19.87				
								LSP 435	20.10				
								LSP 440	20.33				
								LSP 445	20.57				
								LSP 450	20.80				
					iii	Mono c-Si PERC Modules	LSP 400 (400 Wp)	LSP 390	19.97	108 (Half Cut Cells)	1500	28.08.2024	27.08.2028
								LSP 395	20.23				
								LSP 400	20.48				
								LSP 405	20.74				
								LSP 410	20.99				
					iv	Mono c-Si PERC Modules	LSP 500 (500 Wp)	LSP 500	21.05	132 (Half Cut Cells)	1500	28.08.2024	27.08.2028
75	M/s. Uratom Solar (India) Private Limited	Survey No. 752 P1, National Highway 27, Near Chordi Village, Gondal - 360311, Gujarat, India	R-72010081	46	i	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	USM10 - 144 - 530 WP (530 Wp)	USM10 - 144 - 510 WP	19.72	144 (Half Cut Cells)	1500	28.08.2024	27.08.2028
								USM10 - 144 - 515 WP	19.91				
								USM10 - 144 - 520 WP	20.10				
								USM10 - 144 - 525 WP	20.30				
								USM10 - 144 - 530 WP	20.49				
								USM10 - 144 - 535 WP	20.68				
								USM10 - 144 - 540 WP	20.88				
								USM10 - 144 - 545 WP	21.07				
								USM10 - 144 - 550 WP	21.26				
					ii	Bifacial Mono c-Si PERC Module (Glass to Transparent	USM10 - 132 - 490 WP (490 Wp)	USM10 - 132 - 495 WP	19.14	132 (Half Cut Cells)	1500	28.08.2024	27.08.2028
								USM10 - 132 - 500 WP	19.33				
								USM10 - 132 - 505 WP	19.52				
						Bifacial Mono c-Si PERC		USM10 - 120 - 425 WP	19.63				
								USM10 - 120 - 430 WP	19.86				
								USM10 - 120 - 435 WP	20.09				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					iii	Module (Glass to Transparent Backsheet)	USM10 - 120 - 440 WP (440 Wp)	USM10 - 120 - 440 WP	20.32	120 (Half Cut Cells)	1500	28.08.2024	27.08.2028
								USM10 - 120 - 445 WP	20.55				
								USM10 - 120 - 450 WP	20.78				
								USM10 - 120 - 455 WP	21.01				
								USM10 - 120 - 460 WP	21.24				
					iv	Mono c-Si PERC Module	USM10 - 144 - 530 WP (530 Wp)	USM10 - 144 - 510 WP	19.72	144 (Half Cut Cells)	1500	28.08.2024	27.08.2028
								USM10 - 144 - 515 WP	19.91				
								USM10 - 144 - 520 WP	20.10				
								USM10 - 144 - 525 WP	20.30				
								USM10 - 144 - 530 WP	20.49				
								USM10 - 144 - 535 WP	20.68				
								USM10 - 144 - 540 WP	20.88				
								USM10 - 144 - 545 WP	21.07				
								USM10 - 144 - 550 WP	21.26				
					v	Mono c-Si PERC Module	USM10 - 132 - 490 WP (490 Wp)	USM10 - 132 - 495 WP	19.14	132 (Half Cut Cells)	1500	28.08.2024	27.08.2028
								USM10 - 132 - 500 WP	19.33				
								USM10 - 132 - 505 WP	19.52				
					vi	Mono c-Si PERC Module	USM10 - 120 - 440 WP (440 Wp)	USM10 - 120 - 425 WP	19.63	120 (Half Cut Cells)	1500	28.08.2024	27.08.2028
								USM10 - 120 - 430 WP	19.86				
								USM10 - 120 - 435 WP	20.09				
								USM10 - 120 - 440 WP	20.32				
								USM10 - 120 - 445 WP	20.55				
								USM10 - 120 - 450 WP	20.78				
								USM10 - 120 - 455 WP	21.01				
								USM10 - 120 - 460 WP	21.25				
76	**M/s Powertrac Solar Pojects Limited**	**LS No. - 248/2, Opp. Rai Bus stand, Wadhwan-Limbdi Highway, Taluko Wadhwan, Sankali, Surendranagar-363030, Gujarat, India**	**R-72007269**	**47**	i	Mono c-Si PERC Modules	PSPL144MPM530 (530 Wp)	PSPL144MPM505	19.54	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028
								PSPL144MPM510	19.73				
								PSPL144MPM515	19.93				
								PSPL144MPM520	20.12				
								PSPL144MPM525	20.31				
								PSPL144MPM530	20.51				
								PSPL144MPM535	20.70				
								PSPL144MPM540	20.89				
								PSPL144MPM545	21.09				
								PSPL144MPM550	21.28				
					ii	Mono c-Si PERC Modules	PSPL156MPM570 (570 Wp)	PSPL156MPM545	19.49	156 (Half Cut Cells)	1500	27.09.2024	26.09.2028
								PSPL156MPM550	19.67				
								PSPL156MPM555	19.85				
								PSPL156MPM560	20.02				
								PSPL156MPM565	20.20				
								PSPL156MPM570	20.38				
								PSPL156MPM575	20.56				
								PSPL156MPM580	20.74				
								PSPL156MPM585	20.92				
								PSPL156MPM590	21.10				
								PSPL156MPM595	21.28				
77	**M/s. Sun N Sand Exim (India) Pvt. Ltd.**	**Plot No- 106, Sector 16, HSIIDC Industrial Estate, Bahadurgarh, Distt. Jhajjar, Haryana – 124507, India**	**R-91004529**	**69**	i	Mono c-Si PERC Modules	SNS120CM340Wp (340 Wp)	SNS120CM330Wp	19.58	120 (Half Cut Cell)	1500	27.09.2024	26.09.2028
								SNS120CM335Wp	19.88				
								SNS120CM340Wp	20.18				
								SNS120CM345Wp	20.47				
								SNS120CM350Wp	20.77				
					ii	Mono c-Si PERC Modules	SNS120CM450Wp (450 Wp)	SNS120CM435Wp	20.06	120 (Half Cut Cell)	1500	27.09.2024	26.09.2028
								SNS120CM440Wp	20.29				
								SNS120CM445Wp	20.52				
								SNS120CM450Wp	20.75				
								SNS120CM455Wp	20.99				
								SNS120CM460Wp	21.22				
					iii	Mono c-Si PERC Modules	SNS132CM375Wp (375 Wp)	SNS132CM365Wp	19.78	132 (Half Cut Cell)	1500	27.09.2024	26.09.2028
								SNS132CM370Wp	20.05				
								SNS132CM375Wp	20.33				
								SNS132CM380Wp	20.6				
								SNS132CM385Wp	20.87				
					iv	Mono c-Si PERC Modules	SNS132CM490Wp	SNS132CM475Wp	20.01	132 (Half Cut Cell)	1500	27.09.2024	26.09.2028
								SNS132CM480Wp	20.22				
								SNS132CM485Wp	20.43				
								SNS132CM490Wp	20.64				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					iv	Mono c-Si PERC Modules	(490 Wp)	SNS132CM495Wp	20.86	132 (Half Cut Cell)	1500	27.09.2024	26.09.2028
								SNS132CM500Wp	21.07				
								SNS132CM505Wp	21.28				
								SNS132CM510Wp	21.49				
					v	Mono c-Si PERC Modules	SNS144CM550Wp (550 Wp)	SNS144CM530Wp	20.52	144 (Half Cut Cell)	1500	27.09.2024	26.09.2028
								SNS144CM535Wp	20.71				
								SNS144CM540Wp	20.9				
								SNS144CM545Wp	21.1				
								SNS144CM550Wp	21.29				
								SNS144CM555Wp	21.48				
								SNS144CM560Wp	21.68				
								SNS144CM565Wp	21.87				
								SNS144CM570Wp	22.07				
					vi	Mono c-Si PERC Modules	SNS36CM135Wp (135 Wp)	SNS36CM135Wp	19.61	36 (Half Cut Cell)	600	27.09.2024	26.09.2028
					vii	Mono c-Si PERC Modules	SNS36CM155Wp (155 Wp)	SNS36CM150Wp	19.41	36 (Half Cut Cell)	600	27.09.2024	26.09.2028
								SNS36CM155Wp	20.05				
					viii	Mono c-Si PERC Modules	SNS36CM175Wp (175 Wp)	SNS36CM175Wp	19.64	36 (Half Cut Cell)	600	27.09.2024	26.09.2028
								SNS36CM180Wp	20.2				
					ix	Mono c-Si PERC Modules	SNS96CM275Wp (275 Wp)	SNS96CM265Wp	19.49	96 (Half Cut Cell)	1500	27.09.2024	26.09.2028
								SNS96CM270Wp	19.85				
								SNS96CM275Wp	20.22				
								SNS96CM280Wp	20.59				
					x	Mono c-Si PERC Modules	SNS96CM360Wp (360 Wp)	SNS96CM350Wp	20.03	96 (Half Cut Cell)	1500	27.09.2024	26.09.2028
								SNS96CM355Wp	20.31				
								SNS96CM360Wp	20.6				
								SNS96CM365Wp	20.89				
								SNS96CM370Wp	21.17				
					xi	Mono c-Si PERC Modules	SNS144CM520Wp	SNS144CM525Wp	20.32	144 (Half Cut Cell)	1500	27.09.2024	26.09.2028
								SNS144CM520Wp	20.13				
								SNS144CM515Wp	19.94				
					xii	Mono c-Si PERC Modules	SNS132CM470Wp	SNS132CM470Wp	19.80	132 (Half Cut Cell)			
								SNS132CM465Wp	19.59				
					xiii	Mono c-Si PERC Modules	SMS120CM425Wp	SNS120CM430Wp	19.83	120 (Half Cut Cell)			
								SNS120CM425Wp	19.60				
								SNS120CM420Wp	19.37				
								SNS120CM415Wp	19.14				
					xiv	Mono c-Si PERC Modules	SNS72CM305Wp	SNS72CM310Wp	21.02	72 (Half Cut Cell)			
								SNS72CM305Wp	20.68				
								SNS72CM300Wp	20.34				
					xv	Mono c-Si PERC Modules	SNS64CM245Wp	SNS64CM250Wp	21.15	64 (Half Cut Cell)			
								SNS64CM245Wp	20.73				
								SNS64CM240Wp	20.31				
					xvi	Mono c-Si PERC Modules	SNS64CM230Wp	SNS64CM235Wp	19.88	64 (Half Cut Cell)			
								SNS64CM230Wp	19.46				
								SNS64CM225Wp	19.04				
					xvii	Mono c-Si PERC Modules	SNS64CM215Wp	SNS64CM220Wp	20.62	64 (Half Cut Cell)			
								SNS64CM215Wp	20.15				
					xviii	Mono c-Si PERC Modules	SNS64CM200Wp	SNS64CM210Wp	21.20	64 (Half Cut Cell)			
								SNS64CM205Wp	20.69				
								SNS64CM200Wp	20.19				
								SNS64CM195Wp	19.68				
								SNS64CM190Wp	19.18				
					xix	Mono c-Si PERC Modules	SNS36CM160Wp	SNS36CM165Wp	19.94	36 (Half Cut Cell)	600	27.09.2024	26.09.2028
								SNS36CM160Wp	19.34				
					xx	Mono c-Si PERC Modules	SNS36CM120Wp	SNS36CM120Wp	19.68	36 (Half Cut Cell)			
					xxi	Mono c-Si PERC Modules	SNS36CM0100Wp	SNS36CM0100Wp	19.26	36 (Half Cut Cell)			
					xxii	Mono c-Si PERC Modules	SNS36CM080Wp	SNS36CM080Wp	19.57	36 (Half Cut Cell)			
					xxiii	Mono c-Si PERC Modules	SNS36CMP135Wp	SNS36CMP140Wp	20.92	36 (Half Cut Cell)			
								SNS36CMP135Wp	20.17				
								SNS36CMP130Wp	19.42				
					xxiv	Mono c-Si PERC Modules	SNS36CMP105Wp	SNS36CMP110Wp	21.02	36 (Half Cut Cell)			
								SNS36CMP105Wp	20.07				
								SNS36CMP100Wp	19.11				
					xxv	Mono c-Si PERC Modules	SNS36CMP080Wp	SNS36CMP080Wp	20.46	36 (Half Cut Cell)			
					xxvi	Mono c-Si PERC Modules	SNS36CMP075Wp	SNS36CMP075Wp	19.18	36 (Half Cut Cell)			

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					xxvii	Mono c-Si PERC Modules	SNS36CMP060Wp	SNS36CMP060Wp	19.69	36 (Half Cut Cell)			
					xxviii	Mono c-Si PERC Modules	SNS36CMP050Wp	SNS36CMP050Wp	19.54	36 (Half Cut Cell)			
78	Junna Solar Systems Limited	Unit – II Plot Number 21, Chandanvaelly, Sy No 195, Shabad Mandal, Hythabad, Ranga Reddy, Telangana, India-501503	R-63004146	94	i	Mono c-Si PERC Module	JUNNA525MP144 (525 Wp)	JUNNA550MP144	21.31	144 (Half Cut Cell)	1500V	27.09.2024	26.09.2028
								JUNNA545MP144	21.12				
								JUNNA540MP144	20.92				
								JUNNA535MP144	20.73				
								JUNNA530MP144	20.53				
								JUNNA525MP144	20.34				
								JUNNA520MP144	20.15				
								JUNNA515MP144	19.95				
								JUNNA510MP144	19.76				
								JUNNA505MP144	19.57				
								JUNNA500MP144	19.37				
					ii	Mono c-Si PERC Module	JUNNA480MP132 (480 Wp)	JUNNA500MP132	21.06	132 (Half Cut Cell)	1500V	27.09.2024	26.09.2028
								JUNNA495MP132	20.85				
								JUNNA490MP132	20.64				
								JUNNA485MP132	20.43				
								JUNNA480MP132	20.22				
								JUNNA475MP132	20.01				
								JUNNA470MP132	19.80				
								JUNNA465MP132	19.59				
								JUNNA460MP132	19.38				
					iii	Mono c-Si PERC Module	JUNNA435MP120 (435 Wp)	JUNNA455MP120	21.00	120 (Half Cut Cell)	1500V	27.09.2024	26.09.2028
								JUNNA450MP120	20.77				
								JUNNA445MP120	20.54				
								JUNNA440MP120	20.31				
								JUNNA435MP120	20.08				
								JUNNA430MP120	19.85				
								JUNNA425MP120	19.62				
								JUNNA420MP120	19.39				
								JUNNA415MP120	19.16				
					iv	Mono c-Si PERC Module	JUNNA395MP108 (395 Wp)	JUNNA410MP108	20.97	108 (Half Cut Cell)	1500V	27.09.2024	26.09.2028
								JUNNA405MP108	20.71				
								JUNNA400MP108	20.45				
								JUNNA395MP108	20.20				
								JUNNA390MP108	19.94				
								JUNNA385MP108	19.69				
								JUNNA380MP108	19.43				
					v	Mono c-Si PERC Module	JUNNA350MP96 (350 Wp)	JUNNA365MP96	20.91	96 (Half Cut Cell)	1500V	27.09.2024	26.09.2028
								JUNNA360MP96	20.62				
								JUNNA355MP96	20.33				
								JUNNA350MP96	20.05				
								JUNNA345MP96	19.76				
								JUNNA340MP96	19.47				
								JUNNA335MP96	19.19				
					vi	Mono c-Si PERC Module	JUNNA265MP72 (265 Wp)	JUNNA275MP72	20.75	72 (Half Cut Cell)	1500V	27.09.2024	26.09.2028
								JUNNA270MP72	20.37				
								JUNNA265MP72	19.99				
								JUNNA260MP72	19.61				
								JUNNA255MP72	19.24				
79	M/s SAEL Solar P6 Pvt. Ltd.	Land Kh. No. 354/2, New Kh. No. 844/354, Village Patan, Tehsil Kishangarh, Ajmer - 305801, Rajasthan, India	R-84004898	2374	i	Bifacial N-Type TOPCon Module (Glass to Glass)	SL156GTG-630 T (630 Wp)	SL156GTG-640 T	22.94	156 (Half Cut Cells)	1500	14.10.2024	13.10.2028
								SL156GTG-635 T	22.76				
								SL156GTG-630 T	22.58				
								SL156GTG-625 T	22.4				
								SL156GTG-620 T	22.23				
								SL156GTG-615 T	22.05				
								SL156GTG-610 T	21.87				
								SL156GTG-605 T	21.69				
								SL156GTG-600 T	21.51				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	SL144GTG-580T (580 Wp)	SL144GTG-580T	22.53	144(Half Cut Cells)	1500	14.10.2024	13.10.2028
								SL144GTG-575T	22.34				
								SL144GTG-570T	22.14				
								SL144GTG-565T	21.95				
					iii	Mono c-Si PERC Module	SL144HC-530	SL144HC-545	21.09	144(Half Cut Cells)	1500	14.10.2024	13.10.2028
								SL144HC-540	20.89				
								SL144HC-535	20.7				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					iii	Mono c-Si PERC Module	(530 Wp)	SL144HC-530	20.51	144(Half Cut Cells)	1500	14.10.2024	13.10.2028
								SL144HC-525	20.31				
								SL144HC-520	20.12				
80	M/s. FS Green Energies Private Limited	Block No. 160 - 164, 168 Besides Act Agro Chem Pvt. Ltd., Juni Jithardi Road, Near Karjan Cross Road, NH - 8, Vadodara-391240, Gujarat, India	R-72011258	572	i	Bifacial N-Type TOPCon Modules (Glass to Glass)	FST-M10.156G-620 (620 Wp)	FST-M10.156G-630	22.54	156 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								FST-M10.156G-625	22.36				
								FST-M10.156G-620	22.18				
								FST-M10.156G-615	22.00				
								FST-M10.156G-610	21.82				
					ii	Bifacial N-Type TOPCon Modules (Glass to Glass)	FST-M10.144G-570 (570 Wp)	FST-M10.144G-580	22.45	144 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								FST-M10.144G-575	22.26				
								FST-M10.144G-570	22.07				
								FST-M10.144G-565	21.87				
								FST-M10.144G-560	21.68				
					iii	Bifacial N-Type TOPCon Modules (Glass to Glass)	FST-M10.132G-525 (525 Wp)	FST-M10.132G-530	22.33	132 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								FST-M10.132G-525	22.12				
								FST-M10.132G-520	21.91				
					iv	Bifacial N-Type TOPCon Modules (Glass to Glass)	FST-M10.120G-475 (475 Wp)	FST-M10.120G-480	22.18	120 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								FST-M10.120G-475	21.95				
								FST-M10.120G-470	21.72				
					v	Bifacial N-Type TOPCon Modules (Glass to Glass)	FST-M10.108G-430 (430 Wp)	FST-M10.108G-435	22.26	108 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								FST-M10.108G-430	22.01				
								FST-M10.108G-425	21.75				
								FST-M10.108G-420	21.50				
					vi	Bifacial Mono c-Si PERC Module (Glass to Transparent Back sheet)	FSP-M10.156B-585 (585 Wp)	FSP-M10.156B-600	21.46	156 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								FSP-M10.156B-595	21.29				
								FSP-M10.156B-590	21.11				
								FSP-M10.156B-585	20.93				
								FSP-M10.156B-580	20.75				
								FSP-M10.156B-575	20.57				
								FSP-M10.156B-570	20.39				
								FSP-M10.156B-565	20.21				
								FSP-M10.156B-560	20.03				
					vii	Bifacial Mono c-Si PERC Module (Glass to Transparent Back sheet)	FSP-M10.144B-535 (535 Wp)	FSP-M10.144B-550	21.29	144 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								FSP-M10.144B-545	21.10				
								FSP-M10.144B-540	20.90				
								FSP-M10.144B-535	20.71				
								FSP-M10.144B-530	20.52				
								FSP-M10.144B-525	20.32				
								FSP-M10.144B-520	20.13				
					viii	Bifacial Mono c-Si PERC Module (Glass to Transparent Back sheet)	FSP-M10.132B-495 (495 Wp)	FSP-M10.132B-505	21.28	132 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								FSP-M10.132B-500	21.07				
								FSP-M10.132B-495	20.86				
								FSP-M10.132B-490	20.64				
								FSP-M10.132B-485	20.43				
								FSP-M10.132B-480	20.22				
					ix	Bifacial Mono c-Si PERC Module (Glass to Transparent Back sheet)	FSP-M10.120B-445 (445 Wp)	FSP-M10.120B-460	21.26	120 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								FSP-M10.120B-455	21.03				
								FSP-M10.120B-450	20.80				
								FSP-M10.120B-445	20.57				
								FSP-M10.120B-440	20.34				
								FSP-M10.120B-435	20.10				
								FSP-M10.120B-430	19.87				
					x	Bifacial Mono c-Si PERC Module (Glass to Transparent Back sheet)	FSP-M10.108B-405 (405 Wp)	FSP-M10.108B-415	21.24	108 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								FSP-M10.108B-410	20.98				
								FSP-M10.108B-405	20.73				
								FSP-M10.108B-400	20.47				
								FSP-M10.108B-395	20.22				
								FSP-M10.108B-390	19.96				
					xi	Mono c-Si PERC Module	FSP-M10.156W-580 (580 Wp)	FSP-M10.156W-600	21.46	156 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								FSP-M10.156W-595	21.29				
								FSP-M10.156W-590	21.11				
								FSP-M10.156W-585	20.93				
								FSP-M10.156W-580	20.75				
								FSP-M10.156W-575	20.57				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
								FSP-M10.156W-570	20.39				
								FSP-M10.156W-565	20.21				
								FSP-M10.156W-560	20.03				
					xii	Mono c-Si PERC Module	FSP-M10.144W-535 (535 Wp)	FSP-M10.144W-550	21.29	144 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								FSP-M10.144W-545	21.10				
								FSP-M10.144W-540	20.90				
								FSP-M10.144W-535	20.71				
								FSP-M10.144W-530	20.52				
								FSP-M10.144W-525	20.32				
								FSP-M10.144W-520	20.13				
					xiii	Mono c-Si PERC Module	FSP-M10.132W-490 (490Wp)	FSP-M10.132W-505	21.28	132 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								FSP-M10.132W-500	21.07				
								FSP-M10.132W-495	20.86				
								FSP-M10.132W-490	20.64				
								FSP-M10.132W-485	20.43				
								FSP-M10.132W-480	20.22				
					xiv	Mono c-Si PERC Module	FSP-M10.120W-450 (450 Wp)	FSP-M10.120W-460	21.26	120 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								FSP-M10.120W-455	21.03				
								FSP-M10.120W-450	20.80				
								FSP-M10.120W-445	20.57				
								FSP-M10.120W-440	20.34				
								FSP-M10.120W-435	20.10				
								FSP-M10.120W-430	19.87				
					xv	Mono c-Si PERC Module	FSP-M10.108W-400 (400 Wp)	FSP-M10.108W-415	21.24	108 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								FSP-M10.108W-410	20.98				
								FSP-M10.108W-405	20.73				
								FSP-M10.108W-400	20.47				
								FSP-M10.108W-395	20.22				
								FSP-M10.108W-390	19.96				
					xvi	Bifacial Mono c-Si PERC Module (Glass to Glass)	FSP-M10.144G-540 (540 Wp)	FSP-M10.144G-560	21.68	144 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								FSP-M10.144G-555	21.48				
								FSP-M10.144G-550	21.29				
								FSP-M10.144G-545	21.10				
								FSP-M10.144G-540	20.90				
								FSP-M10.144G-535	20.71				
								FSP-M10.144G-530	20.52				
								FSP-M10.144G-525	20.32				
								FSP-M10.144G-520	20.13				
					xvii	Bifacial Mono c-Si PERC Module (Glass to Glass)	FSP-M10.132G-490 (490 Wp)	FSP-M10.132G-505	21.28	132 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								FSP-M10.132G-500	21.07				
								FSP-M10.132G-495	20.86				
								FSP-M10.132G-490	20.64				
								FSP-M10.132G-485	20.43				
								FSP-M10.132G-480	20.22				
					xviii	Bifacial Mono c-Si PERC Module (Glass to Glass)	FSP-M10.120G-445 (445 Wp)	FSP-M10.120G-460	21.26	120 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								FSP-M10.120G-455	21.03				
								FSP-M10.120G-450	20.80				
								FSP-M10.120G-445	20.57				
								FSP-M10.120G-440	20.34				
								FSP-M10.120G-435	20.10				
								FSP-M10.120G-430	19.87				
					xix	Bifacial Mono c-Si PERC Module (Glass to Glass)	FSP-M10.108G-405 (405 Wp)	FSP-M10.108G-415	21.24	108 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								FSP-M10.108G-410	20.98				
								FSP-M10.108G-405	20.73				
								FSP-M10.108G-400	20.47				
								FSP-M10.108G-395	20.22				
								FSP-M10.108G-390	19.96				
81	**M/s. Hexatron Industries Limited**	**Survey No. 575, 576, 577 & 578 Village Tenpur, Taluka Bayad, Aravalli - 383325, Gujarat, India**	**R-72010715**	**203**	i	N Type TOPCon Module (Glass to Transparent Backsheet)	HEXN156N615 (615 Wp)	HEXN156N630	22.55	156 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								HEXN156N625	22.37				
								HEXN156N620	22.19				
								HEXN156N615	22.01				
								HEXN156N610	21.83				
								HEXN156N605	21.65				
								HEXN156N600	21.47				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					ii	N Type TOPCon Module (Glass to Transparent Backsheet)	HEXN144N585 (585 Wp)	HEXN144N600	23.23	144 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								HEXN144N595	23.03				
								HEXN144N590	22.84				
								HEXN144N585	22.65				
								HEXN144N580	22.45				
								HEXN144N575	22.26				
								HEXN144N570	22.07				
					iii	N Type TOPCon Module (Glass to Transparent Backsheet)	HEXN132N535 (535 Wp)	HEXN132N550	23.16	132 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								HEXN132N545	22.95				
								HEXN132N540	22.74				
								HEXN132N535	22.53				
								HEXN132N530	22.32				
								HEXN132N525	22.11				
								HEXN132N520	21.90				
					iv	N Type TOPCon Module (Glass to Transparent Backsheet)	HEXN120N485 (485 Wp)	HEXN120N500	23.13	120 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								HEXN120N495	22.90				
								HEXN120N490	22.67				
								HEXN120N485	22.44				
								HEXN120N480	22.21				
								HEXN120N475	21.98				
								HEXN120N470	21.75				
					v	N Type TOPCon Module (Glass to Transparent Backsheet)	HEXN108N435 (435 Wp)	HEXN108N450	23.04	108 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								HEXN108N445	22.79				
								HEXN108N440	22.53				
								HEXN108N435	22.28				
								HEXN108N430	22.02				
								HEXN108N425	21.76				
								HEXN108N420	21.51				
					vi	Mono c-Si PERC Module (Glass to Transparent Backsheet)	HEXN156P585 (585 Wp)	HEXN156P595	21.29	156 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								HEXN156P590	21.12				
								HEXN156P585	20.94				
								HEXN156P580	20.76				
								HEXN156P575	20.58				
								HEXN156P570	20.40				
					vii	Mono c-Si PERC Module (Glass to Transparent Backsheet)	HEXN144P545 (545 Wp)	HEXN144P560	21.68	144 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								HEXN144P555	21.48				
								HEXN144P550	21.29				
								HEXN144P545	21.10				
								HEXN144P540	20.90				
								HEXN144P535	20.71				
								HEXN144P530	20.52				
					viii	Mono c-Si PERC Module (Glass to Transparent Backsheet)	HEXN132P505 (505 Wp)	HEXN132P520	21.90	132 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								HEXN132P515	21.69				
								HEXN132P510	21.48				
								HEXN132P505	21.27				
								HEXN132P500	21.06				
								HEXN132P495	20.85				
								HEXN132P490	20.64				
					ix	Mono c-Si PERC Module (Glass to Transparent Backsheet)	HEXN120P445 (445 Wp)	HEXN120P460	21.28	120 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								HEXN120P455	21.05				
								HEXN120P450	20.82				
								HEXN120P445	20.59				
								HEXN120P440	20.36				
								HEXN120P435	20.13				
								HEXN120P430	19.89				
					x	Mono c-Si PERC Module (Glass to Transparent Backsheet)	HEXN108P410 (410 Wp)	HEXN108P425	21.76	108 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								HEXN108P420	21.51				
								HEXN108P415	21.25				
								HEXN108P410	21.00				
								HEXN108P405	20.74				
								HEXN108P400	20.48				
								HEXN108P395	20.23				
82	**M/s. Indosolar Limited**	**3c/1, Ecotech-II, Udyog Vihar, Greater Noida -210306 Uttar Pradesh**	**R-93032344**	**1525**				Bi-55-520	20.20				
								Bi-55-525	20.39				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					i	Bifacial Mono c- Si PERC Modules (Glass to Glass)	Bi-55-535 (535 Wp)	Bi-55-530	20.59	144(Half Cut Cells) (Cell Size 182*182)	1500	06.01.2025	05.01.2029
								Bi-55-535	20.78				
								Bi-55-540	20.98				
								Bi-55-545	21.17				
								Bi-55-550	21.37				
					ii	Bifacial N-type TOPCon Modules (Glass to Glass)	BiN-08-575 (575 Wp)	BiN-08-560	21.68	144 (Half Cut Cells) (Cell Size 182*182)	1500		
								BiN-08-565	21.87				
								BiN-08-570	22.06				
								BiN-08-575	22.26				
								BiN-08-580	22.45				
								BiN-08-585	22.64				
								BiN-08-590	22.84				
								BiN-08-595	23.03				
								BiN-08-600	23.22				
					iii	Bifacial N-type TOPCon Modules (Glass to Glass)	BiN-03-695 (695 Wp)	BiN-03-680	21.89	132 (Half Cut Cells) (Cell Size 210*210)	1500		
								BiN-03-685	22.05				
								BiN-03-690	22.21				
								BiN-03-695	22.37				
								BiN-03-700	22.53				
								BiN-03-705	22.70				
								BiN-03-710	22.86				
83	M/s.Visaka Industries Limited (ATUM Division)	Survey No. 95&96, Adjacent to Kukkadam Railway Styation, Kukkadam Post, Gajalapur, Madugulapally, Nalgonda-508207,	R-63000795	16	i	Mono c-Si PERC Module (Cell Size 182*182)	VIL-550M (550Wp)	VIL-550M	21.29	144 (Half Cut Cells)	1500	06.01.2025	05.01.2029
					ii	Mono c-Si PERC Module (Cell Size 182*182)	VIL-550AM (550Wp)	VIL-550AM	20.31	144 (Half Cut Cells)	1500		
84	M/s. BVG India Limited	Plot No. 6, Sector Ecotech 8, Gautam Budha Nagar, Greater Noida - 201310, Uttar Pradesh, India	R-93032417	367	i	Mono c-Si PERC Module	BVGM10144-540 (540 Wp)	BVGM10144-550	21.29	144 (Half Cut Cells)	1500	23.01.2025	22.01.2029
								BVGM10144-545	21.10				
								BVGM10144-540	20.90				
								BVGM10144-535	20.71				
								BVGM10144-530	20.52				
								BVGM10144-525	20.32				
85	M/s KLK Ventures Pvt. Ltd.	A52, Sector 58, Gautam Budha Nagar, Noida, Uttar Pradesh, India- 201301	R-93024279	33	i	Mono c-Si PERC Module	KLK525W (525 Wp)	KLK500W	19.35	144 (Half Cut Cells)	1500	23.01.2025	22.01.2029
								KLK505W	19.54				
								KLK510W	19.73				
								KLK515W	19.93				
								KLK520W	20.12				
								KLK525W	20.31				
								KLK530W	20.51				
								KLK535W	20.70				
								KLK540W	20.89				
								KLK545W	21.09				
								KLK550W	21.28				
					ii	Mono c-Si PERC Module	KLK575W (575 Wp)	KLK555W	19.85	156(Half Cut Cells)	1500	23.01.2025	22.01.2029
								KLK560W	20.03				
								KLK565W	20.21				
								KLK570W	20.39				
								KLK575W	20.57				
								KLK580W	20.75				
								KLK585W	20.93				
								KLK590W	21.11				
86	M/s SAN Energy and Solution	Plot No. 356, San Energy Solution, Near Girdharia Mod, Sheosagar, NH2, Sasaram, Rohtas- 821111, Bihar, India	R-53000221	27	i	Mono c-Si PERC Modules	SG545WP (545 Wp)	SG535WP	20.69	144 (Half Cut Cells)	1500	23.01.2025	22.01.2029
								SG540WP	20.88				
								SG545WP	21.08				
87	M/s. Easy Photo Voltech Pvt. Ltd.	Khasra no 98 Sikhera road industraial Area Modinagar Ghaziabad 210206, Uttar Pradesh, India	R-93023272	81	i	Mono c-Si PERC Module	JSD-24575 (575Wp)	JSD-24555	19.85	156 (Half Cut Cells)	1500	17.02.2025	16.02.2029
								JSD-24560	20.03				
								JSD-24565	20.21				
								JSD-24570	20.39				
								JSD-24575	20.57				
								JSD-24580	20.74				
								JSD-24585	20.92				
								JSD-24590	21.10				
								JSD-24595	21.28				
								JSD-24550	21.29				
								JSD-24545	21.10				
								JSD-24540	20.90				
								JSD-24535	20.71				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					ii	Mono c-Si PERC Module	JSD-24525 (525Wp)	JSD-24530	20.52	144 (Half Cut Cells)	1500	17.02.2025	16.02.2029
								JSD-24525	20.32				
								JSD-24520	20.13				
								JSD-24515	19.94				
								JSD-24510	19.74				
								JSD-24505	19.55				
								JSD-24500	19.36				
					iii	Mono c-Si PERC Module	JSD-24480 (480Wp)	JSDA-24500	21.06	132 (Half Cut Cells)	1500	17.02.2025	16.02.2029
								JSD-24495	20.85				
								JSD-24490	20.64				
								JSD-24485	20.42				
								JSD-24480	20.21				
								JSD-24475	20.00				
								JSD-24470	19.79				
								JSD-24465	19.58				
								JSD-24460	19.37				
								JSD-24455	19.16				
					iv	Mono c-Si PERC Module	JSD-24440 (440Wp)	JSDA-24460	21.25	120 (Half Cut Cells)	1500	17.02.2025	16.02.2029
								JSDA-24455	21.02				
								JSD-24450	20.79				
								JSD-24445	20.56				
								JSD-24440	20.33				
								JSD-24435	20.09				
								JSD-24430	19.86				
								JSD-24425	19.63				
								JSD-24420	19.40				
					v	Mono c-Si PERC Module	JSD-24415 (415Wp)	JSD-24415	19.17	120 (Half Cut Cells)	1500	17.02.2025	16.02.2029
					vi	Mono c-Si PERC Module	JSD-24385 (390Wp)	JSD-24400	20.46	108 (Half Cut Cells)	1500	17.02.2025	16.02.2029
								JSD-24395	20.20				
								JSD-24390	19.95				
								JSD-24385	19.69				
								JSD-24380	19.44				
								JSD-24375	19.18				
88	**M/s. Akshaya Solar Power (India) Private Limited**	**Plot No G 1/A, TSIIC General Park, Sultanpur, Ameenpur, Sangareddy, Hyderabad, Telangana- 502319, India**	**R-63000825**	**33**	i	Mono c-Si PERC Module	ASP525D (525 Wp)	ASP550D	21.31	144 (Half Cut Cells)	1500	17.02.2025	16.02.2029
								ASP545D	21.12				
								ASP540D	20.92				
								ASP535D	20.73				
								ASP530D	20.53				
								ASP525D	20.34				
								ASP520D	20.15				
								ASP515D	19.95				
								ASP510D	19.76				
								ASP505D	19.57				
								ASP500D	19.37				
					ii	Mono c-Si PERC Module	ASP500D-132 (500 Wp)	ASP500D-132	21.06	132 (Half Cut Cells)	1500	17.02.2025	16.02.2029
								ASP495D-132	20.85				
					iii	Mono c-Si PERC Module	ASP470D-132 (470 Wp)	ASP490D-132	20.64	132 (Half Cut Cells)	1500	17.02.2025	16.02.2029
								ASP485D-132	20.43				
								ASP480D-132	20.22				
								ASP475D-132	20.01				
								ASP470D-132	19.80				
								ASP465D-132	19.59				
								ASP460D-132	19.38				
								ASP455D-132	19.17				
								ASP450D-132	18.96				
					iv	Mono c-Si PERC Module	ASP430D-120 (430 Wp)	ASP450D-120	20.77	120 (Half Cut Cells)	1500	17.02.2025	16.02.2029
								ASP445D-120	20.54				
								ASP440D-120	20.31				
								ASP435D-120	20.08				
								ASP430D-120	19.85				
								ASP425D-120	19.62				
								ASP420D-120	19.39				
								ASP415D-120	19.16				
					v	Mono c-Si PERC Module	ASP410D-108 (410 Wp)	ASP410D-108	20.97	108 (Half Cut Cells)	1500	17.02.2025	16.02.2029

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					vi	Mono c-Si PERC Module	ASP390D-108 (390 Wp)	ASP405D-108	20.71	120 (Half Cut Cells)	1500	17.02.2025	16.02.2029
								ASP400D-108	20.45				
								ASP395D-108	20.20				
								ASP390D-108	19.94				
								ASP385D-108	19.69				
								ASP380D-108	19.43				
								ASP375D-108	19.18				
89	M/s Asote Solutions Private Limited	346, Asot Solar, Anita, 346, Kim-Vadoli Road, Surat-394110,Gujarat	R-72011754	152	i	Bifacial N-Type TOPCon Module (Glass to Glass)	PMS100ASTC144GG565 (565Wp)	PMS100ASTC144GG590	22.84	144 (Half Cut Cells)	1500	27.03.2025	26.03.2029
								PMS100ASTC144GG585	22.65				
								PMS100ASTC144GG580	22.45				
								PMS100ASTC144GG575	22.26				
								PMS100ASTC144GG570	22.07				
								PMS100ASTC144GG565	21.87				
								PMS100ASTC144GG560	21.68				
								PMS100ASTC144GG555	21.48				
								PMS100ASTC144GG550	21.29				
								PMS100ASTC144GG545	21.1				
								PMS100ASTC144GG540	20.9				
					ii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	PMS100ASTC144GG565 (565Wp)	PMS100ASTC144GG590	22.84	144 (Half Cut Cells)	1500	27.03.2025	26.03.2029
								PMS100ASTC144GG585	22.65				
								PMS100ASTC144GG580	22.45				
								PMS100ASTC144GG575	22.26				
								PMS100ASTC144GG570	22.07				
								PMS100ASTC144GG565	21.87				
								PMS100ASTC144GG560	21.68				
								PMS100ASTC144GG555	21.48				
								PMS100ASTC144GG550	21.29				
								PMS100ASTC144GG545	21.1				
								PMS100ASTC144GG540	20.9				
					iii	Bifacial N-Type TOPCon Module (Glass toGlass)	PMS100ASTC144GG535 (535 Wp)	PMS100ASTC144GG535	20.71	144 (Half Cut Cells)	1500	27.03.2025	26.03.2029
					iv	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	PMS100ASTC144GG535 (535 Wp)	PMS100ASTC144GG535	20.71	144 (Half Cut Cells)	1500	27.03.2025	26.03.2029
90	M/s. MKU Holdings Private Limited	DTA-02, Plot N0. 16-17-20-21, Ajmer Road, Bagru Mahindra World City SEZ, Sanganer, Jaipur - 302039, Rajasthan, India	R-84005282	1183	i	Bifacial N-Type TOPCon Module (Glass to Glass)	ACM-HD144N-580 (580 Wp)	ACM-HD144N-590	22.84	144 (Half Cut Cells) (Cell Size: 182*183 mm)	1500	27.03.2025	26.03.2029
								ACM-HD144N-585	22.65				
								ACM-HD144N-580	22.45				
								ACM-HD144N-575	22.26				
								ACM-HD144N-570	22.07				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	ACM-HD120N-490 (490 Wp)	ACM-HD120N-500	23.05	120 (Half Cut Cells) (Cell Size: 182*183 mm)	1500	27.03.2025	26.03.2029
								ACM-HD120N-495	22.82				
								ACM-HD120N-490	22.59				
								ACM-HD120N-485	22.36				
								ACM-HD120N-480	22.13				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	ACM-HD132N-535 (535 Wp)	ACM-HD132N-550	23.13	132 (Half Cut Cells) (Cell Size: 182*183 mm)	1500	27.03.2025	26.03.2029
								ACM-HD132N-545	22.92				
								ACM-HD132N-540	22.71				
								ACM-HD132N-535	22.50				
								ACM-HD132N-530	22.29				
								ACM-HD132N-525	22.08				
								ACM-HD132N-520	21.87				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	ACM-HD108N-435 (435 Wp)	ACM-HD108N-450	23.07	108 (Half Cut Cells) (Cell Size: 182*183 mm)	1500	27.03.2025	26.03.2029
								ACM-HD108N-445	22.81				
								ACM-HD108N-440	22.56				
								ACM-HD108N-435	22.30				
								ACM-HD108N-430	22.05				
								ACM-HD108N-425	21.79				
91	M/s. Navitas Solar Private Limited	371,371/B,372, 373/A/B, 374/A/B, 334/A, 375, 377, Sisodra, Ankleshwar, Gujarat,394810, India	R-72011657	1100	i	Bifacial N- Type TOPCon Module	NSG-BFT156-M10-630 (555 Wp)	NSG-BFT156-M10-600	21.49	156 (Half Cut Cell)	1500	27.03.2025	26.03.2029
								NSG-BFT156-M10-605	21.67				
								NSG-BFT156-M10-610	21.85				
								NSG-BFT156-M10-615	22.03				
								NSG-BFT156-M10-620	22.21				
								NSG-BFT156-M10-625	22.39				
								NSG-BFT156-M10-630	22.57				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
						(Glass to Glass)	(555 Wp)	NSG-BFT156-M10-635	22.74				
								NSG-BFT156-M10-640	22.92				
								NSG-BFT156-M10-645	23.10				
								NSG-BFT156-M10-650	23.28				
								NSG-BFT156-M10-655	23.46				
								NSG-BFT156-M10-660	23.64				
					ii	Bifacial N- Type TOPCon Module (Glass to Glass)	NSG-BFT144-M10-555 (555 Wp)	NSG-BFT144-M10-545	21.10	144 (Half Cut Cell)	1500	27.03.2025	26.03.2029
								NSG-BFT144-M10-550	21.29				
								NSG-BFT144-M10-555	21.48				
								NSG-BFT144-M10-560	21.68				
								NSG-BFT144-M10-565	21.87				
					iii	Bifacial N- Type TOPCon Module (Glass to Glass)	NSG-BFT144-M10-590 (555 Wp)	NSG-BFT144-M10-570	22.07	144 (Half Cut Cell)	1500	27.03.2025	26.03.2029
								NSG-BFT144-M10-575	22.26				
								NSG-BFT144-M10-580	22.45				
								NSG-BFT144-M10-585	22.65				
								NSG-BFT144-M10-590	22.84				
								NSG-BFT144-M10-595	23.03				
								NSG-BFT144-M10-600	23.23				
								NSG-BFT144-M10-605	23.42				
								NSG-BFT144-M10-610	23.61				
					iv	Bifacial N- Type TOPCon Module (Glass to Glass)	NSG-BFT132-M10-520 (520 Wp)	NSG-BFT132-M10-500	21.06	132 (Half Cut Cell)	1500	27.03.2025	26.03.2029
								NSG-BFT132-M10-505	21.27				
								NSG-BFT132-M10-510	21.48				
								NSG-BFT132-M10-515	21.69				
								NSG-BFT132-M10-520	21.90				
								NSG-BFT132-M10-525	22.11				
								NSG-BFT132-M10-530	22.32				
								NSG-BFT132-M10-535	22.53				
								NSG-BFT132-M10-540	22.74				
					v	Bifacial N- Type TOPCon Module (Glass to Glass)	NSG-BFT120-M10-470 (470 Wp)	NSG-BFT120-M10-450	20.78	120 (Half Cut Cell)	1500	27.03.2025	26.03.2029
								NSG-BFT120-M10-455	21.01				
								NSG-BFT120-M10-460	21.24				
								NSG-BFT120-M10-465	21.47				
								NSG-BFT120-M10-470	21.70				
								NSG-BFT120-M10-475	21.93				
								NSG-BFT120-M10-480	22.16				
								NSG-BFT120-M10-485	22.39				
								NSG-BFT120-M10-490	22.62				
					vi	Bifacial N- Type TOPCon Module (Glass to Glass)	NSG-BFT108-M10-425 (425 Wp)	NSG-BFT108-M10-405	20.69	108 (Half Cut Cell)	1500	27.03.2025	26.03.2029
								NSG-BFT108-M10-410	20.95				
								NSG-BFT108-M10-415	21.20				
								NSG-BFT108-M10-420	21.46				
								NSG-BFT108-M10-425	21.71				
								NSG-BFT108-M10-430	21.97				
								NSG-BFT108-M10-435	22.22				
								NSG-BFT108-M10-440	22.48				
					vii	Bifacial N- Type TOPCon Module (Glass to Glass)	NSG-BFT96-M10-375 (375 Wp)	NSG-BFT96-M10-360	20.59	96 (Half Cut Cell)	1500	27.03.2025	26.03.2029
								NSG-BFT96-M10-365	20.87				
								NSG-BFT96-M10-370	21.16				
								NSG-BFT96-M10-375	21.45				
								NSG-BFT96-M10-380	21.73				
								NSG-BFT96-M10-385	22.02				
								NSG-BFT96-M10-390	22.30				
					viii	Bifacial N- Type TOPCon Module (Glass to Glass)	NSG-BFT84-M10-330 (330 Wp)	NSG-BFT84-M10-315	20.45	84 (Half Cut Cell)	1500	27.03.2025	26.03.2029
								NSG-BFT84-M10-320	20.78				
								NSG-BFT84-M10-325	21.10				
								NSG-BFT84-M10-330	21.43				
								NSG-BFT84-M10-335	21.75				
								NSG-BFT84-M10-340	22.08				
					ix	Bifacial N- Type TOPCon Module (Glass to Glass)	NSG-BFT72-M10-285 (285 Wp)	NSG-BFT72-M10-270	20.28	72 (Half Cut Cell)	1500	27.03.2025	26.03.2029
								NSG-BFT72-M10-275	20.66				
								NSG-BFT72-M10-280	21.03				
								NSG-BFT72-M10-285	21.41				
								NSG-BFT72-M10-290	21.78				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					x	Bifacial Mono c-Si PERC Module (Glass to Glass)	NSG-BFPR156-M10-585 (585 Wp)	NSG-BFPR156-M10-560	20.03	156 (Half Cut Cell)	1500	27.03.2025	26.03.2029
								NSG-BFPR156-M10-565	20.21				
								NSG-BFPR156-M10-570	20.39				
								NSG-BFPR156-M10-575	20.57				
								NSG-BFPR156-M10-580	20.75				
								NSG-BFPR156-M10-585	20.93				
								NSG-BFPR156-M10-590	21.11				
								NSG-BFPR156-M10-595	21.29				
								NSG-BFPR156-M10-600	21.46				
					xi	Bifacial Mono c-Si PERC Module (Glass to Glass)	NSG-BFPR144-M10-540 (540 Wp)	NSG-BFPR144-M10-525	20.32	144 (Half Cut Cell)	1500	27.03.2025	26.03.2029
								NSG-BFPR144-M10-530	20.52				
								NSG-BFPR144-M10-535	20.71				
								NSG-BFPR144-M10-540	20.90				
								NSG-BFPR144-M10-545	21.10				
								NSG-BFPR144-M10-550	21.29				
								NSG-BFPR144-M10-555	21.48				
					xii	Bifacial Mono PERC C-Si Module (Glass to Glass)	NSG-BFPR132-M10-490 (490 Wp)	NSG-BFPR132-M10-475	20.00	132(Half Cut Cell)	1500	27.03.2025	26.03.2029
								NSG-BFPR132-M10-480	20.21				
								NSG-BFPR132-M10-485	20.42				
								NSG-BFPR132-M10-490	20.64				
								NSG-BFPR132-M10-495	20.85				
								NSG-BFPR132-M10-500	21.06				
								NSG-BFPR132-M10-505	21.27				
					xiii	Bifacial Mono c-Si PERC Module (Glass to Glass)	NSG-BFPR120-M10-445 (445 Wp)	NSG-BFPR120-M10-435	20.08	120 (Half Cut Cell)	1500	27.03.2025	26.03.2029
								NSG-BFPR120-M10-440	20.31				
								NSG-BFPR120-M10-445	20.55				
								NSG-BFPR120-M10-450	20.78				
92	**M/s. Goldi Sun Private Limited**	**Unit no 6 , Block No. 341, Prime Industrial and Logistic Hub, NR. P.P Savani University, NH-48,Gram Panchayat, Dhamdod - 394125, Surat,Gujarat, India**	**R-72012467**	**1474**	i	Bifacial N-Type TOPCon Module (Glass to Glass)	GS10-T144-GF-575 (575 Wp)	GS10-T144-GF-595	23.03	144 (Half Cut Cell)	1500	27.03.2025	26.03.2029
								GS10-T144-GF-590	22.84				
								GS10-T144-GF-585	22.65				
								GS10-T144-GF-580	22.45				
								GS10-T144-GF-575	22.26				
								GS10-T144-GF-570	22.07				
								GS10-T144-GF-565	21.87				
								GS10-T144-GF-560	21.68				
								GS10-T144-GF-555	21.48				
					ii	Bifacial N-Type TOPCon Module (Glass to Glass)	GS10-T144-GF-535 (535 Wp)	GS10-T132-GF-550	23.15	132 (Half Cut Cell)	1500	27.03.2025	26.03.2029
								GS10-T132-GF-545	22.94				
								GS10-T132-GF-540	22.73				
								GS10-T132-GF-535	22.52				
								GS10-T132-GF-530	22.31				
								GS10-T132-GF-525	22.10				
								GS10-T132-GF-520	21.89				
								GS10-T132-GF-515	21.68				
					iii	Bifacial N-Type TOPCon Module (Glass to Glass)	GS10-T120-GF-480 (480 Wp)	GS10-T120-GF-500	23.08	120 (Half Cut Cell)	1500	27.03.2025	26.03.2029
								GS10-T120-GF-495	22.85				
								GS10-T120-GF-490	22.62				
								GS10-T120-GF-485	22.39				
								GS10-T120-GF-480	22.16				
								GS10-T120-GF-475	21.93				
								GS10-T120-GF-470	21.70				
								GS10-T120-GF-465	21.47				
					iv	Bifacial N-Type TOPCon Module (Glass to Glass)	GS10-T108-GF-450 (450 Wp)	GS10-T108-GF-450	22.94	108 (Half Cut Cell)	1500	27.03.2025	26.03.2029
								GS10-T108-GF-445	22.68				
								GS10-T108-GF-440	22.43				
								GS10-T108-GF-435	22.17				
								GS10-T108-GF-430	21.92				
								GS10-T108-GF-425	21.66				
								GS10-T108-GF-420	21.41				
								GS10-T108-GF-415	21.15				
93	**M/s. Axitec Energy India Pvt Ltd**	**Survey No.: 257/5, 257/6, Thandalam-Arakkonam Road, Sathari Village, Kadambthur, Tiruvallur Taluk - 631203, Tamil Nadu, India**	**R-61005258**	**18**	i	Mono c-Si PERC Module	AC-580MH/156V	AC-595MH/156V	20.03	156 (Half Cut Cells)	1500	27.03.2025	26.03.2029
								AC-590MH/156V	20.21				
								AC-585MH/156V	20.39				
								AC-580MH/156V	20.57				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deeemd to be delisted)
					i	Mono c-Si PERC Module	(580 Wp)	AC-575MH/156V	20.75	156 (Half Cut Cells)	1500	27.03.2025	26.03.2029
								AC-570MH/156V	20.93				
								AC-565MH/156V	21.11				
								AC-560MH/156V	21.29				
					ii	Mono c-Si PERC Module	AC-525MH/144V (525 Wp)	AC-550MH/144V	21.30	144 (Half Cut Cells)	1500	27.03.2025	26.03.2029
								AC-545MH/144V	21.11				
								AC-540MH/144V	20.91				
								AC-535MH/144V	20.72				
								AC-530MH/144V	20.53				
								AC-525MH/144V	20.33				
								AC-520MH/144V	20.14				
								AC-515MH/144V	19.94				
								AC-510MH/144V	19.75				
								AC-505MH/144V	19.56				
								AC-500MH/144V	19.36				
					iii	Mono c-Si PERC Module	AC-495MH/132V (495 Wp)	AC-500MH/132V	20.95	132 (Half Cut Cells)	1500	27.03.2025	26.03.2029
								AC-495MH/132V	20.74				
								AC-490MH/132V	20.53				
					iv	Mono c-Si PERC Module	AC-450MH/120V (450 Wp)	AC-455MH/120V	20.99	120 (Half Cut Cells)	1500	27.03.2025	26.03.2029
								AC-450MH/120V	20.75				
								AC-445MH/120V	20.52				
					v	Mono c-Si PERC Module	AC-405MH/108V (405 Wp)	AC-410MH/108V	20.85	108 (Half Cut Cells)	1500	27.03.2025	26.03.2029
								AC-405MH/108V	20.60				
								AC-400MH/108V	20.34				