

F. No. 283/54/2018-GRID SOLAR-Part(1)

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: 24th July, 2023

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;

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. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 has been updated vide this Ministry's O.M.s of even no. dated 17.08.2021, 29.09.2021, 10.11.2021, 30.12.2021, 04.03.2022, 05.04.2022, 18.08.2022, 27.09.2022, 25.01.2023, 27.02.2023, and 24.04.2023.

3. This Ministry vide its O.M. No. 283/22/2023-GRID SOLAR/Pt dated 10.05.2023 had issued major reforms in the Approved List of Models and Manufactures for Solar Photovoltaic Modules which inter-alia include enlistment of only such models of Solar PV Module Manufacturers, 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 under ALMM
Category I	Utility / Grid Scale Power Plants	20.0%
Category II	Rooftop and Solar Pumping	19.5%
Category III	Solar Lighting	19.0%

4. The Ministry has received applications for ALMM enlistment of additional models in respect of manufacturing facilities already enlisted in ALMM, and ALMM enlistment of new manufacturing facilities & models thereunder. W.r.t. these applications, only such models have been considered for enlistment under ALMM List-I, whose module efficiency is equal to or greater than 19%.

5. Further, Solar PV Module Manufacturers, whose models' validity has expired on 09.03.2023 and have not applied for renewal on or before 09.03.2023, have been delisted from the ALMM List-I.

6. In view of above, this Ministry has further updated the List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 as on 31.05.2023, i.e. Revision – XII and the same is enclosed herewith as Annexure – I.

7. The Provisional ALMM enlistment has been granted to M/s. Emmvee Photovoltaic Power Pvt. Ltd. having its manufacturing facility at Sy. No. 66-70/3, Pemmanahalli Village, Sompura Hobli, Dabaspet, Nelamangala Taluk, Bengaluru Rural District, Karnataka, in respect of certain Additional Solar PV Module Models, the details of which are at the end of Annexure-I.

8. This issues with the approval of competent authority.



(Sanjay Karndhar)

Scientist-E

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Encl: as above

To: All Concerned

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

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
1	Vikram Solar Ltd.	Falta Sez, 24 Parganas (South), West Bengal, India	1050	i	Multi Crystalline Silicon Module	Eldora VSP.72.330.05 (330 Wp)	VSP.72.320.05		72 (Full Cells)	1500	10.03.2021	09.05.2023*
							VSP.72.325.05					
							VSP.72.330.05					
							VSP.72.335.05					
							VSP.72.340.05					
							VSP.72.345.05					
				ii	Multi Crystalline Silicon Module	Eldora VSPH.72.345.05 (345 Wp)	VSPH.72.340.05		144 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
							VSPH.72.345.05					
							VSPH.72.350.05					
				iii	Mono Crystalline Silicon Module	Somera VSM.72.370.05 (370 Wp)	VSM.72.370.05		72 (Full Cells)	1500	10.03.2021	09.05.2023*
							VSM.72.375.05					
				iv	Mono Crystalline Silicon Module	Somera VSMH.72.390.05 (390 Wp)	VSMH.72.380.05		144 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
							VSMH.72.385.05					
							VSMH.72.390.05					
							VSMH.72.395.05					
							VSMH.72.400.05					
				v	Mono Crystalline Silicon Module	PREXOS VSMDHT.72.445.05 (445Wp)	PREXOS VSMDHT.72.435.05		144 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
							PREXOS VSMDHT.72.440.05					
							PREXOS VSMDHT.72.445.05					
							PREXOS VSMDHT.72.450.05					
				vi	Mono Crystalline Silicon Module	SOMERA VSMH.72.440.05 (440Wp)	SOMERA VSMH.72.430.05		144 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
							SOMERA VSMH.72.435.05					
							SOMERA VSMH.72.440.05					
							SOMERA VSMH.72.445.05					
SOMERA VSMH.72.450.05												
2	Emmvee Photovoltaic Power Pvt. Ltd.	Bettahalasuru, Bengaluru, Karnataka, India	500	i	Multi C-Si Module	E335P72 (335 Wp)	E320P72		72 (Full Cells)	1500	10.03.2021	09.05.2023*
							E325P72					
							E330P72					
							E335P72					
							E340P72					
							E345P72					
				ii	Multi C-Si Module	E280P60 (280 Wp)	E350P72		60 (Full Cells)	1500	10.03.2021	09.05.2023*
							E270P60					
							E275P60					
							E280P60					
							E285P60					
				iii	Mono PERC Module	E380M72 (380 Wp)	E290P60		72 (Full Cells)	1500	10.03.2021	09.05.2023*
							E365M72					
							E370M72					
							E375M72					
							E380M72					
							E385M72					
							E390M72					
				iv	Mono PERC Module	E315M60 (315 Wp)	E395M72		60 (Full Cells)	1500	10.03.2021	09.05.2023*
							E300M60					
							E305M60					
							E310M60					
							E315M60					
							E320M60					
E325M60												
E330M60												
i	Multi C-Si Module	DESERV 3M6-330 (330 Wp)	DESERV 3M6-315		72 (Full Cells)	1000	10.03.2021	09.05.2023*				
			DESERV 3M6-320									
			DESERV 3M6-325									
			DESERV 3M6-330									
			DESERV 3M6-335									
			DESERV 3M6-340									

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S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
				ii	Multi C-Si Module	DESERV 3M6H-330 (330 Wp)	DESERV 3M6-345 DESERV 3M6H-315 DESERV 3M6H-320 DESERV 3M6H-325 DESERV 3M6H-330 DESERV 3M6H-335 DESERV 3M6H-340 DESERV 3M6H-345		72 (Full Cells)	1500	10.03.2021	09.05.2023*
				iii	Multi C-Si Module	DESERV MGALACTIC-345 (345 Wp)	DESERV MGALACTIC-330 DESERV MGALACTIC-335 DESERV MGALACTIC-340 DESERV MGALACTIC-345 DESERV MGALACTIC-350 DESERV MGALACTIC-355 DESERV MGALACTIC-360		144 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
				iv	Mono C-Si Module	DESERV 356-360 (360 Wp)	DESERV 356-345 DESERV 356-350 DESERV 356-355 DESERV 356-360 DESERV 356-365 DESERV 356-370 DESERV 356-375		72 (Full Cells)	1000	10.03.2021	09.05.2023*
				v	Mono C-Si Module	DESERV 356H-360 (360 Wp)	DESERV 356H-345 DESERV 356H-350 DESERV 356H-355 DESERV 356H-360 DESERV 356H-365 DESERV 356H-370 DESERV 356H-375		72 (Full Cells)	1500	10.03.2021	09.05.2023*
				vi	Mono C-Si Module	DESERV SGALACTIC-375 (375 Wp)	DESERV SGALACTIC-360 DESERV SGALACTIC-365 DESERV SGALACTIC-370 DESERV SGALACTIC-375 DESERV SGALACTIC-380 DESERV SGALACTIC-385 DESERV SGALACTIC-390		144 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
4	M/s Sova Solar Ltd.	Layout Plot No: 25, E.P.I.P, Banskopa, Durgapur 713212, West Bengal, India.	404	i	Multi C-Si Module	SS28060MC (280 Wp)	SS27060MC SS27560MC SS28060MC SS28560MC SS29060MC		60 (Full Cells)	1500	10.03.2021	09.05.2023*
				ii	Multi C-Si Module	SS33072MC (330 Wp)	SS32072MC SS32572MC SS33072MC SS33572MC SS34072MC SS34572MC		72 (Full Cells)	1500	10.03.2021	09.05.2023*
				iii	Mono PERC Module	SS31060MP (310 Wp)	SS30060MP SS30560MP SS31060MP SS31560MP SS32060MP SS32560MP		60 (Full Cells)	1500	10.03.2021	09.05.2023*
				iv	Mono PERC Module	SS38572MP (385 Wp)	SS37072MP SS37572MP SS38072MP SS38572MP SS39072MP SS39572MP SS40072MP		72 (Full Cells)	1500	10.03.2021	09.05.2023*
							SS510144HCMP					

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S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
				v	Mono C-Si PERC Modules	SS520144HCMP, (520Wp)	SS515144HCMP SS520144HCMP SS525144HCMP SS530144HCMP SS535144HCMP SS540144HCMP		144 (Half-Cut Cells)	1500	10.03.2021	09.05.2023*
5	M/s Australian Premium Solar (India) Pvt. Ltd.	Tajpur, N.H-8, The Prantij, Dist-Sabarkantha, Gujarat-383205, India.	100	i	Multi C-Si Module	APSAP6-250/60 (250 Wp)	APSAP6-250/60 APSAP6-260/60		60 (Full Cells)	1000	10.03.2021	09.05.2023*
				ii	Multi C-Si Module	APSAP6-300/72 (300 Wp)	APSAP6-300/72		72 (Full Cells)	1000	10.03.2021	09.05.2023*
				iii	Multi C-Si Module	APSAP6-320/72 (320 Wp)	APSAP6-320/72 APSAP6-330/72		72 (Full Cells)	1000	10.03.2021	09.05.2023*
				iv	Multi C-Si Module	APSAP6-340/72 (340 Wp)	APSAP6-340/72 APSAP6-350/72		72 (Full Cells)	1000	10.03.2021	09.05.2023*
				v	Multi C-Si Modules	APSAP6-305/66, (305 Wp)	APSAP6-290/66		66 (Full Cells)	1000	10.03.2021	09.05.2023*
							APSAP6-295/66					
							APSAP6-300/66					
							APSAP6-305/66					
							APSAP6-310/66					
				vi	Multi C-Si Modules	APSAP6-335/72, (335Wp)	APSAP6-335/72		72 (Full Cells)	1000	10.03.2021	09.05.2023*
				6	Solex Energy Ltd.	GIDC, Vitthal Udyognagar, Anand, Gujarat, India	45	i	Multi C-Si Module	SES1224 (24 Wp)	SES1224	
ii	Multi C-Si Module	SES1275 (75 Wp)	SES1275						36 (Cut Cells)	600	10.03.2021	09.05.2023*
iii	Multi C-Si Module	SES12100 (100 Wp)	SES12100						36 (Cut Cells)	600	10.03.2021	09.05.2023*
iv	Multi C-Si Module	SES16200 (200 Wp)	SES16200 SES16210						48 (Full Cells)	1000	10.03.2021	09.05.2023*
v	Multi C-Si Module	SES20250 (250 Wp)	SES20250						60 (Full Cells)	1000	10.03.2021	09.05.2023*
			SES20260									
vi	Multi C-Si Module	SES24300 (300 Wp)	SES24300 SES24320 SES24325						72 (Full Cells)	1000	10.03.2021	09.05.2023*
vii	Multi C-Si Module	SES24335 (335 Wp)	SES24330									
			SES24335									
			SES24340									
			SES24350									
viii	Mono- PERC Module	SESM20280 (280 Wp)	SESM20280						60 (Full Cells)	1000	10.03.2021	09.05.2023*
ix	Mono- PERC Module	SESM20300 (300 Wp)	SESM20300						60 (Full Cells)	1000	10.03.2021	09.05.2023*
x	Mono- PERC Module	SESM24335 (335 Wp)	SESM24335						72 (Full Cells)	1000	10.03.2021	09.05.2023*
xi	Mono- PERC Module	SESM24360 (360 Wp)	SESM24350		72 (Full Cells)	1000	10.03.2021	09.05.2023*				
			SESM24360									
			SESM24370									
7	PV Power Technologies Pvt. Ltd.	Plot No. 60, Tarapur Textile Park Limited, Boisar Chillar Raod, Sai Baba Bolevard Township, Boisar East, Palghar - 401501, Maharashtra, India	200	i	Multi C-Si Modules	ECO 325H (325 Wp)	ECO 315H		72 (Full Cells)	1500	10.03.2021	09.05.2023*
							ECO 320H					
							ECO 325H					
							ECO 330H					
							ECO 335H					
				ii	Multi C-Si Modules	ECO 315 (315 Wp)	ECO 300		72 (Full Cells)	1000	10.03.2021	09.05.2023*
							ECO 305					
							ECO 310					
							ECO 315					
							ECO 320					
							ECO 325					
				iii	Mono C-Si Modules	ECO 355M (355 Wp)	ECO 330		72 (Full Cells)	1000	10.03.2021	09.05.2023*
							ECO 340M					
							ECO 345M					
							ECO 350M					
							ECO 355M					
							ECO 360M					
							ECO 365M					

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S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
				iv	Multi C-Si Modules	ECO 155H, (155Wp)	ECO 370M		36 (Full Cells)	1500	10.03.2021	09.05.2023*
							ECO 150H					
							ECO 155H					
				v	Multi C-Si Modules	ECO 270H, (270Wp)	ECO 160H		60 (Full Cells)	1500	10.03.2021	09.05.2023*
							ECO 260H					
							ECO 265H					
							ECO 270H					
							ECO 275H					
				vi	Multi C-Si Modules	ECO 300H, (300Wp)	ECO 280H		66 (Full Cells)	1500	10.03.2021	09.05.2023*
							ECO 285H					
							ECO 290H					
ECO 295H												
vii	Multi C-Si Modules	ECO 340H, (340Wp)	ECO 300H		72 (Full Cells)	1500	10.03.2021	09.05.2023*				
			ECO 305H									
viii	Mono C-Si PERC Modules	ECO 195MH, (195Wp)	ECO 310H		36 (Full Cells)	1500	10.03.2021	09.05.2023*				
			ECO 345H									
ix	Mono C-Si PERC Modules	ECO 315MH, (315Wp)	ECO 190MH		60 (Full Cells)	1500	10.03.2021	09.05.2023*				
			ECO 195MH									
			ECO 200MH									
			ECO 305MH									
			ECO 310MH									
x	Mono C-Si PERC Modules	ECO 350MH, (350Wp)	ECO 315MH		66 (Full Cells)	1500	10.03.2021	09.05.2023*				
			ECO 320MH									
			ECO 325MH									
			ECO 330MH									
			ECO 335MH									
			ECO 340MH									
xi	Mono C-Si PERC Modules	ECO 390MH, (390Wp)	ECO 345MH		72 (Full Cells)	1500	10.03.2021	09.05.2023*				
			ECO 355MH									
			ECO 360MH									
			ECO 365MH									
8	Saatvik Green Energy Pvt. Ltd.	Dubli, Ambala, Haryana, India	510	i	Multi C-Si Modules	SGE 150-36P (150 Wp)	ECO 380MH		36 (Full Cells)	1000	10.03.2021	09.05.2023*
							ECO 385MH					
				ii	Multi C-Si Modules	SGE 165-36P (165 Wp)	ECO 390MH		36 (Full Cells)	1000	10.03.2021	09.05.2023*
							ECO 395MH					
				iii	Multi C-Si Modules	SGE 200-48P (200 Wp)	ECO 400MH		48 (Full Cells)	1000	10.03.2021	09.05.2023*
							SGE 150-36P					
				iv	Multi C-Si Modules	SGE 230-54P (230 Wp)	SGE 160-36P		54 (Full Cells)	1000	10.03.2021	09.05.2023*
SGE 165-36P												
SGE 170-36P												
SGE 200-48P												
v	Multi C-Si Modules	SGE 260-60P (260 Wp)	SGE 210-48P		60 (Full Cells)	1500	10.03.2021	09.05.2023*				
			SGE 220-54P									
			SGE 225-54P									
vi	Multi C-Si Modules	SGE 275-60P (275 Wp)	SGE 230-54P		60 (Full Cells)	1500	10.03.2021	09.05.2023*				
			SGE 235-54P									
vii	Multi C-Si Modules	SGE 315-72P (315 Wp)	SGE 240-54P		72 (Full Cells)	1500	10.03.2021	09.05.2023*				
			SGE 250-60P									
			SGE 260-60P									
			SGE 265-60P									
			SGE 270-60P									
			SGE 275-60P									
			SGE 300-72P									

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S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
							SGE 325-72P					
							SGE 330-72P					
				viii	Multi C-Si Modules	SGE 340-72P (340 Wp)	SGE 335-72P		72 (Full Cells)	1500	10.03.2021	09.05.2023*
							SGE 340-72P					
							SGE 345-72P					
				ix	Mono C-Si Modules	SGE 185-36M (185 Wp)	SGE 180-36M		36 (Full Cells)	1000	10.03.2021	09.05.2023*
							SGE 185-36M					
							SGE 190-36M					
							SGE 235-48M					
				x	Mono C-Si Modules	SGE 245-48M (245 Wp)	SGE 240-48M		48 (Full Cells)	1000	10.03.2021	09.05.2023*
							SGE 245-48M					
							SGE 250-48M					
							SGE 255-48M					
							SGE 265-54M					
				xi	Mono C-Si Modules	SGE 275-54M (275 Wp)	SGE 270-54M		54 (Full Cells)	1000	10.03.2021	09.05.2023*
							SGE 275-54M					
							SGE 280-54M					
							SGE 285-54M					
							SGE 285-60M					
				xii	Mono C-Si Modules	SGE 300-60M (300 Wp)	SGE 290-60M		60 (Full Cells)	1500	10.03.2021	09.05.2023*
							SGE 295-60M					
							SGE 300-60M					
							SGE 305-60M					
							SGE 310-60M					
							SGE 315-60M					
							SGE 355-72M					
				xiii	Mono C-Si Modules	SGE 370-72M (370 Wp)	SGE 360-72M		72 (Full Cells)	1500	10.03.2021	09.05.2023*
							SGE 365-72M					
							SGE 370-72M					
							SGE 375-72M					
							SGE 380-72M					
							SGE 385-72M					
							SGE555-156MHC					
				xiv	Mono PERC C-Si Modules.	SGE570-156MHC, (570 Wp)	SGE560-156MHC		156 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
							SGE565-156MHC					
							SGE570-156MHC					
							SGE575-156MHC					
							SGE580-156MHC					
							SGE585-156MHC					
							SGE590-156MHC					
							SGE520-144MHC					
				xv	Mono PERC C-Si Modules.	SGE530-144MHC, (530 Wp)	SGE525-144MHC		144 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
							SGE530-144MHC					
							SGE535-144MHC					
							SGE540-144MHC					
							SGE545-144MHC					
							SGE470-132MHC					
				xvi	Mono PERC C-Si Modules.	SGE485-132MHC, (485 Wp)	SGE475-132MHC		132 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
							SGE480-132MHC					
							SGE485-132MHC					
							SGE490-132MHC					
							SGE495-132MHC					
							SGE500-132MHC					
							SGE420-120MHC					
				xvii	Mono PERC C-Si Modules.	SGE440-120MHC, (440 Wp)	SGE425-120MHC		120 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
							SGE430-120MHC					
							SGE435-120MHC					
							SGE440-120MHC					
							SGE445-120MHC					
							SGE450-120MHC					
							SGE455-120MHC					
							SGE380-108MHC					

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S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
				xviii	Mono PERC C-Si Modules.	SGE395-108MHC, (395 Wp)	SGE385-108MHC SGE390-108MHC SGE395-108MHC SGE400-108MHC SGE405-108MHC SGE410-108MHC		108 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
				xix	Mono PERC C-Si Modules.	SGE 395-72M, (395 Wp)	SGE 390-72M SGE 395-72M SGE 400-72M		72 (Full Cell)	1500	10.03.2021	09.05.2023*
9	Navitas Green Solutions Pvt. Ltd.	Plot No. B-20/3, Road No. 13, 14, Palsana-Baleshwar Rd, Hoziwala Industrial Estate, Sachin, Surat-394230, Gujarat	150	i	Mono C-Si PERC Modules	NSM365 (365 Wp)	NSM350 NSM355 NSM360 NSM365 NSM370 NSM375 NSM380		72 (Full Cells)	1500	10.03.2021	09.05.2023*
				ii	Mono C-Si PERC Modules	NSM330 (330 Wp)	NSM320 NSM325 NSM330 NSM335 NSM340		72 (Full Cells)	1500	10.03.2021	09.05.2023*
				iii	Mono C-Si PERC Modules	NSM315-60 (315 Wp)	NSM300-60 NSM305-60 NSM310-60 NSM315-60 NSM320-60 NSM325-60 NSM330-60		60 (Full Cells)	1500	10.03.2021	09.05.2023*
				iv	Mono C-Si PERC Modules	NSM285-60 (285 Wp)	NSM275-60 NSM280-60 NSM285-60 NSM290-60 NSM295-60		60 (Full Cells)	1500	10.03.2021	09.05.2023*
				v	Mono C-Si PERC Modules	NSM260-60 (260 Wp)	NSM250-60 NSM255-60 NSM260-60 NSM265-60		60 (Full Cells)	1500	10.03.2021	09.05.2023*
				vi	Mono C-Si PERC Modules	NSM340-66 (340 Wp)	NSM325-66 NSM330-66 NSM335-66 NSM340-66 NSM345-66 NSM350-66 NSM355-66		66 (Full Cells)	1500	10.03.2021	09.05.2023*
				vii	Mono C-Si PERC Modules	NSM305-66 (305 Wp)	NSM295-66 NSM300-66 NSM305-66 NSM310-66 NSM315-66 NSM320-66		66 (Full Cells)	1500	10.03.2021	09.05.2023*
				viii	Mono C-Si PERC Modules	NSM180-36 (180 Wp)	NSM175-36 NSM180-36 NSM185-36		36 (Full Cells)	1000	10.03.2021	09.05.2023*
				ix	Mono C-Si PERC Modules	NSM165-36 (165 Wp)	NSM160-36 NSM165-36 NSM170-36		36 (Full Cells)	1000	10.03.2021	09.05.2023*
				x	Mono C-Si PERC Modules	NSM150-36 (150 Wp)	NSM150-36 NSM155-36		36 (Full Cells)	1000	10.03.2021	09.05.2023*
				xi	Multi C-Si Modules	NSA330 (330 Wp)	NSA315 NSA320 NSA325 NSA330		72 (Full Cells)	1500	10.03.2021	09.05.2023*

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
							NSA335					
							NSA340					
							NSA345					
				xii	Multi C-Si Modules	NSA305 (305 Wp)	NSA295		72 (Full Cells)	1500	10.03.2021	09.05.2023*
						NSA300						
						NSA305						
						NSA310						
						NSA295-66						
				xiii	Multi C-Si Modules	NSA310-66 (310 Wp)	NSA300-66		66 (Full Cells)	1500	10.03.2021	09.05.2023*
						NSA305-66						
						NSA310-66						
						NSA315-66						
						NSA320-66						
				xiv	Multi C-Si Modules	NSA280-66 (280 Wp)	NSA325-66		66 (Full Cells)	1500	10.03.2021	09.05.2023*
						NSA275-66						
						NSA280-66						
						NSA285-66						
						NSA290-66						
				xv	Multi C-Si Modules	NSA290-60 (290 Wp)	NSA280-60		60 (Full Cells)	1500	10.03.2021	09.05.2023*
						NSA285-60						
						NSA290-60						
						NSA295-60						
						NSA300-60						
				xvi	Multi C-Si Modules	NSA265-60 (265 Wp)	NSA255-60		60 (Full Cells)	1500	10.03.2021	09.05.2023*
						NSA260-60						
						NSA265-60						
						NSA270-60						
						NSA275-60						
				xvii	Multi C-Si Modules	NSA250-60 (250 Wp)	NSA250-60		60 (Full Cells)	1500	10.03.2021	09.05.2023*
				xviii	Multi C-Si Modules	NSA170-36F (170 Wp)	NSA170-36F		36 (Full Cells)	1000	10.03.2021	09.05.2023*
						NSA175-36F						
				xix	Multi C-Si Modules	NSA155-36F (155 Wp)	NSA150-36F		36 (Full Cells)	1000	10.03.2021	09.05.2023*
						NSA155-36F						
				xx	Multi C-Si Modules	NSA325-144 (325 Wp)	NSA310-144		144 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
						NSA315-144						
						NSA320-144						
						NSA325-144						
						NSA330-144						
						NSA335-144						
				xxi	Multi C-Si Modules	NSA300-144 (300 Wp)	NSA340-144		144 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
						NSA300-144						
				xxii	Multi C-Si Modules	NSA165-36F (165 Wp)	NSA305-144		36 (Full Cells)	1000	10.03.2021	09.05.2023*
						NSA160-36F						
				xxiii	Multi C-Si Modules	NSA110-36 (110 Wp)	NSA165-36F		36 (Cut Cells)	1000	10.03.2021	09.05.2023*
						NSA110-36						
				xxiv	Multi C-Si Modules	NSA74-36 (74 Wp)	NSA74-36		36 (Cut Cells)	1000	10.03.2021	09.05.2023*
						NSA75-36						
				xxv	Mono PERC C-Si Module	NSM580-156 (580 Wp)	NSM570-156		156 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
						NSM575-156		10.03.2021			09.05.2023*	
						NSM580-156		10.03.2021			09.05.2023*	
						NSM585-156		10.03.2021			09.05.2023*	
						NSM525-144		10.03.2021			09.05.2023*	
				xxvi	Mono PERC C-Si Module	NSM540-144 (540 Wp)	NSM530-144		144 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
						NSM535-144		10.03.2021			09.05.2023*	
						NSM540-144		10.03.2021			09.05.2023*	
						NSM545-144		10.03.2021			09.05.2023*	
						NSM550-144		10.03.2021			09.05.2023*	
						NSM555-144		10.03.2021			09.05.2023*	
						NSM560-144		10.03.2021			09.05.2023*	
						NSM480-132		10.03.2021			09.05.2023*	

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
				xxvii	Mono PERC C-Si Module	NSM500-132 (500 Wp)	NSM485-132		132 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
							NSM490-132				10.03.2021	09.05.2023*
							NSM495-132				10.03.2021	09.05.2023*
							NSM500-132				10.03.2021	09.05.2023*
				xxviii	Mono PERC C-Si Module	NSM445-120 (445 Wp)	NSM435-120		120 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
							NSM440-120				10.03.2021	09.05.2023*
							NSM445-120				10.03.2021	09.05.2023*
							NSM450-120				10.03.2021	09.05.2023*
				xix	Mono PERC C-Si Module	NSM400-108 (400 Wp)	NSM455-120		108 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
							NSM390-108				10.03.2021	09.05.2023*
							NSM395-108				10.03.2021	09.05.2023*
							NSM400-108				10.03.2021	09.05.2023*
				xxx	Mono PERC C-Si Module	NSM360-96 (360 Wp)	NSM405-108		96 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
							NSM410-108				10.03.2021	09.05.2023*
							NSM350-96				10.03.2021	09.05.2023*
							NSM355-96				10.03.2021	09.05.2023*
				xxxix	Mono PERC C-Si Module	NSM360-96 (360 Wp)	NSM360-96		96 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
							NSM365-96				10.03.2021	09.05.2023*
							NSM260-72				10.03.2021	09.05.2023*
							NSM265-72				10.03.2021	09.05.2023*
				xxxix	Mono PERC C-Si Module	NSM270-72 (270 Wp)	NSM270-72		72 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
							NSM275-72				10.03.2021	09.05.2023*
							NSM460-156				10.03.2021	09.05.2023*
							NSM465-156				10.03.2021	09.05.2023*
				xxxii	Mono PERC C-Si Module	NSM470-156 (470 Wp)	NSM470-156		156 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
							NSM475-156				10.03.2021	09.05.2023*
							NSM480-156				10.03.2021	09.05.2023*
							NSM485-156				10.03.2021	09.05.2023*
				xxxiii	Mono PERC C-Si Module	NSM450-144 (450 Wp)	NSM435-144		144 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
							NSM440-144				10.03.2021	09.05.2023*
							NSM445-144				10.03.2021	09.05.2023*
							NSM450-144				10.03.2021	09.05.2023*
				xxxiii	Mono PERC C-Si Module	NSM450-144 (450 Wp)	NSM455-144		144 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
							NSM460-144				10.03.2021	09.05.2023*
							NSM465-144				10.03.2021	09.05.2023*
							NSM395-132				10.03.2021	09.05.2023*
				xxxiv	Mono PERC C-Si Module	NSM405-132 (405 Wp)	NSM400-132		132 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
							NSM405-132				10.03.2021	09.05.2023*
							NSM410-132				10.03.2021	09.05.2023*
							NSM415-132				10.03.2021	09.05.2023*
				xxxv	Mono PERC C-Si Module	NSM370-120 (370 Wp)	NSM360-120		120 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
							NSM365-120				10.03.2021	09.05.2023*
							NSM370-120				10.03.2021	09.05.2023*
							NSM375-120				10.03.2021	09.05.2023*
				xxxvi	Mono PERC C-Si Module	NSM330-108 (330 Wp)	NSM320-108		108 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
							NSM325-108				10.03.2021	09.05.2023*
							NSM330-108				10.03.2021	09.05.2023*
							NSM335-108				10.03.2021	09.05.2023*
				xxxvii	Mono PERC C-Si Module	NSM290-96 (290 Wp)	NSM340-108		96 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
							NSM285-96				10.03.2021	09.05.2023*
							NSM290-96				10.03.2021	09.05.2023*
							NSM295-96				10.03.2021	09.05.2023*
				xxxviii	Mono PERC C-Si Module	NSM215-72 (215 Wp)	NSM300-96		72 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
							NSM210-72				10.03.2021	09.05.2023*
							NSM215-72				10.03.2021	09.05.2023*
							NSM220-72				10.03.2021	09.05.2023*

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
				ixl	Mono PERC C-Si Module	NSM385 (385 Wp)	NSM225-72		72 (Full Cells)	1500	10.03.2021	09.05.2023*
			NSM390					10.03.2021			09.05.2023*	
			NSM395					10.03.2021			09.05.2023*	
			NSM400					10.03.2021			09.05.2023*	
			NSM385					10.03.2021			09.05.2023*	
			xl	Multi C-Si Module	NSA120-36 (120 Wp)	NSA125-36		36 (Cut Cells)	1500	10.03.2021	09.05.2023*	
						NSA120-36				10.03.2021	09.05.2023*	
10	Central Electronics Ltd.	Industrial Area, Sahibabad, Uttar Pradesh, India	35	i	Multi C-Si Modules	PM-40 (40 Wp)	PM-40		36 (Cut Cells)	600	17.08.2021	16.08.2023
				ii	Multi C-Si Modules	PM-50 (50 Wp)	PM-50		36 (Cut Cells)	600	17.08.2021	16.08.2023
				iii	Multi C-Si Modules	PM-75 (75 Wp)	PM-75		36 (Cut Cells)	600	17.08.2021	16.08.2023
				iv	Multi C-Si Modules	PM-80 (80 Wp)	PM-80		36 (Cut Cells)	600	17.08.2021	16.08.2023
				v	Multi C-Si Modules	PM-100 (100 Wp)	PM-95		36 (Cut Cells)	600	17.08.2021	16.08.2023
							PM-100				17.08.2021	16.08.2023
							PM-105				17.08.2021	16.08.2023
				vi	Multi C-Si Modules	PM-120 (120 Wp)	PM-115		36 (Cut Cells)	600	17.08.2021	16.08.2023
							PM-120					
							PM-125					
				vii	Multi C-Si Modules	PM-140 (140 Wp)	PM-135		36 (Cut Cells)	600	17.08.2021	16.08.2023
							PM-140					
							PM-145					
				viii	Multi C-Si Modules	PM-150 (150 Wp)	PM-150		36 (Full Cells)	600	17.08.2021	16.08.2023
							PM-155					
				ix	Multi C-Si Modules	PM-160 (160 Wp)	PM-160		36 (Full Cells)	600	17.08.2021	16.08.2023
				x	Multi C-Si Modules	PM-250(60) (250 Wp)	PM-250(60)		60 (Full Cells)	1000	17.08.2021	16.08.2023
				xi	Multi C-Si Modules	PM-205 (205 Wp)	PM-200		72 (Cut Cells)	1000	17.08.2021	16.08.2023
							PM-205					
							PM-210					
				xii	Multi C-Si Modules	PM-225 (225 Wp)	PM-215		72 (Cut Cells)	1000	17.08.2021	16.08.2023
							PM-220					
							PM-225					
PM-230												
PM-235												
xiii	Multi C-Si Modules	PM-245 (245 Wp)	PM-240		72 (Cut Cells)	1000	17.08.2021	16.08.2023				
			PM-245									
			PM-250(72)									
xiv	Multi C-Si Modules	PM-285 (285 Wp)	PM-280		72 (Full Cells)	1000	17.08.2021	16.08.2023				
			PM-285									
			PM-290									
xv	Multi C-Si Modules	PM-305 (305 Wp)	PM-295		72 (Full Cells)	1000	17.08.2021	16.08.2023				
			PM-300									
			PM-305									
			PM-310									
			PM-315									
			PM-320									
			PM-325									
xvi	Multi C-Si Modules	PM-330 (330 Wp)	PM-330		72 (Full Cells)	1000	17.08.2021	16.08.2023				
			PM-335									
			PM-340									
			PM-340									
xvii	Mono C-Si Modules	PMM-40 (40 Wp)	PMM-40		36 (Cut Cells)	600	17.08.2021	16.08.2023				
xviii	Mono C-Si Modules	PMM-50 (50 Wp)	PMM-50		36 (Cut Cells)	600	17.08.2021	16.08.2023				
xix	Mono C-Si Modules	PMM-75 (75 Wp)	PMM-75		36 (Cut Cells)	600	17.08.2021	16.08.2023				
xx	Mono C-Si Modules	PMM-80 (80Wp)	PMM-80		36 (Cut Cells)	600	17.08.2021	16.08.2023				
xxi	Mono C-Si Modules	PMM-100 (100 Wp)	PMM-95		36 (Cut Cells)	600	17.08.2021	16.08.2023				
			PMM-100									
			PMM-105									
xxii	Mono C-Si Modules	PMM-120 (120 Wp)	PMM-115		36 (Cut Cells)	600	17.08.2021	16.08.2023				
			PMM-120									
			PMM-125									
xxiii	Mono C-Si Modules	PMM-140 (140 Wp)	PMM-135		36 (Cut Cells)	600	17.08.2021	16.08.2023				
			PMM-140									
			PMM-145									

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
				xxiv	Mono C-Si Modules	PMM-150 (150 Wp)	PMM-150 PMM-155		36 (Full Cells)	600	17.08.2021	16.08.2023
				xxv	Mono C-Si Modules	PMM-160 (160 Wp)	PMM-160		36 (Full Cells)	600	17.08.2021	16.08.2023
				xxvi	Mono C-Si Modules	PMM-250(60) (250 Wp)	PMM-250(60)		60 (Full Cells)	1000	17.08.2021	16.08.2023
				xxvii	Mono C-Si Modules	PMM-205 (205 Wp)	PMM-200		72 (Cut Cells)	1000	17.08.2021	16.08.2023
							PMM-205					
							PMM-210					
				xxviii	Mono C-Si Modules	PMM-225 (225 Wp)	PMM-215		72 (Cut Cells)	1000	17.08.2021	16.08.2023
							PMM-220					
							PMM-225					
							PMM-230					
				xxix	Mono C-Si Modules	PMM-245 (245 Wp)	PMM-235		72 (Cut Cells)	1000	17.08.2021	16.08.2023
							PMM-240					
				xxx	Mono C-Si Modules	PMM-285 (285 Wp)	PMM-245		72 (Full Cells)	1000	17.08.2021	16.08.2023
							PMM-250(72)					
							PMM-280					
				xxxi	Mono C-Si Modules	PMM-305 (305 Wp)	PMM-285		72 (Full Cells)	1000	17.08.2021	16.08.2023
							PMM-290					
							PMM-295					
							PMM-300					
				xxxii	Mono C-Si Modules	PMM-335 (335 Wp)	PMM-305		72 (Full Cells)	1000	17.08.2021	16.08.2023
							PMM-310					
							PMM-315					
							PMM-320					
							PMM-325					
PMM-330												
PMM-335												
			PMM-340									
			PMM-345									
			PMM-350									
11	Patanjali Renewable Energy Pvt. Ltd.	D-83, 84, 85 EPIP, Site-V, UPSIDC Industrial Area Kasna, Greater Noida, Gautam Budha Nagar, UP-201310, India.	72	i	Multi C-Si Modules	PREL-40Wp (40 Wp)	PREL-40Wp		36 (Cut Cell)	600	17.08.2021	16.08.2023
				ii	Multi C-Si Modules	PREL-50Wp (50 Wp)	PREL-50Wp		36 (Cut Cell)	600	17.08.2021	16.08.2023
				iii	Multi C-Si Modules	PREL-60Wp (60 Wp)	PREL-60Wp		36 (Cut Cell)	600	17.08.2021	16.08.2023
				iv	Multi C-Si Modules	PREL-75Wp (75 Wp)	PREL-75Wp		36 (Cut Cell)	600	17.08.2021	16.08.2023
				v	Multi C-Si Modules	PREL-100Wp (100 Wp)	PREL-100Wp		36 (Cut Cell)	600	17.08.2021	16.08.2023
				vi	Multi C-Si Modules	PREL-150Wp (150 Wp)	PREL-150Wp		36 (Full Cell)	1000	17.08.2021	16.08.2023
				vii	Multi C-Si Modules	PREL-250Wp (250 Wp)	PREL-250Wp		60 (Full Cell)	1000	17.08.2021	16.08.2023
				viii	Multi C-Si Modules	PREL-265Wp (265 Wp)	PREL-255Wp		60 (Full Cell)	1000	17.08.2021	16.08.2023
							PREL-260Wp					
							PREL-265Wp					
							PREL-270Wp					
ix	Multi C-Si Modules	PREL-300Wp (300 Wp)	PREL-275Wp		72 (Full Cell)	1000	17.08.2021	16.08.2023				
			PREL-300Wp									
			PREL-305Wp									
x	Multi C-Si Modules	PREL-330Wp (330 Wp)	PREL-310Wp		72 (Full Cell)	1000	17.08.2021	16.08.2023				
			PREL-315Wp									
			PREL-320Wp									
			PREL-325Wp									
xi	Multi C-Si Modules.	PREL-125Wp (125 Wp)	PREL-330Wp		32 (Cut Cell)	600V	17.08.2021	16.08.2023				
			PREL-335Wp									
			PREL-340Wp									
12	Jakson Engineers Ltd.	Plot No-25, Ecotech-III, Udyog Kendra, Greater NOIDA-201306, Gautam Budha Nagar, Uttar Pradesh, India.	583	i	Multi C-Si Modules	JPH-24x320 (320 Wp)	JPH-125Wp		72 (Full Cells)	1500	17.08.2021	16.08.2023
							PREL-125Wp					
							JPH-24x305					
							JPH-24x310					
							JPH-24x315					
							JPH-24x320					
							JPH-24x325					
							JPH-24x330					
							JPH-24x335					
							JPH-24x250					
JPH-24x255												
ii	Multi C-Si Modules	JPH-24x260 (260 Wp)	JPH-24x260		60 (Full Cells)	1500	17.08.2021	16.08.2023				

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S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
							JPH-24x265					
							JPH-24x270					
				iii	Mono C-Si Modules	JP-H360M (360 Wp)	JP-H345M		72 (Full Cells)	1500	17.08.2021	16.08.2023
						JP-H350M						
						JP-H355M						
						JP-H360M						
						JP-H365M						
						JP-H370M						
						JP-H375M						
				iv	Mono C-Si Modules	JP-H380M (380 Wp)	JP-H380M		72 (Full Cells)	1500	17.08.2021	16.08.2023
							JP-H385M					
							JP-H390M					
				v	Mono C-Si Modules	JP-H395M (395 Wp)	JP-H395M		72 (Full Cells)	1500	17.08.2021	16.08.2023
						JP-H400M						
						JP-H405M						
							JP-B315M					
							JP-B320M		60 (Full Cells)	1500	17.08.2021	16.08.2023
						JP-B325M						
						JP-B330M						
						JP-B335M						
							JP-B340M					
							JP-H290M					
							JP-H295M		60 (Full Cells)	1500	17.08.2021	16.08.2023
						JP-H300M						
						JP-H305M						
						JP-H310M						
						JP-H315M						
						JP-H320M						
							JH-420M		120 (Half-Cut Cells)	1500	17.08.2021	16.08.2023
							JH-425M					
							JH-430M					
							JH-435M					
							JH-440M					
							JH-445M					
							JH-450M					
							JH-455M					
							JH-460M					
							JH-470M					
							JH-475M					
							JH-480M		132 (Half-Cut Cells)	1500	17.08.2021	16.08.2023
							JH-485M					
							JH-490M					
							JH-495M					
							JH-500M					
							JH-505M					
							JH-510M					
							JH-515M					
							JH-520M		144 (Half-Cut Cells)	1500	17.08.2021	16.08.2023
							JH-525M					
							JH-530M					
							JH-535M					
							JH-540M					
							JH-545M					
							JH-550M					
							JH-555M		156 (Half-Cut Cells)	1500	17.08.2021	16.08.2023
							JH-560M					
							JH-565M					
							JH-570M					
							JH-575M					
							JH-580M		156 (Half-Cut Cells)	1500	17.08.2021	16.08.2023
							JH-585M					
							JH-590M					

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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				
13	Himalayan Solar Pvt. Ltd.	HSIIDC Industrial Estate, Alipur Barwala, Panchkula, Haryana	41	i	Multi C-Si Modules	HIMSOL-00243 (300 Wp)	JH-595M									
							JH-600M									
				ii	Multi C-Si Modules	HIMSOL-30243 (330 Wp)	HIMSOL-85242									
							HIMSOL-85243									
							HIMSOL-72									
				iii	Multi C-Si Modules	HIMSOL-60 (260 Wp)	HIMSOL-20243									
							HIMSOL-25243									
							HIMSOL-30243									
				iv	Multi C-Si Modules	HIMSOL-75242 (275 Wp)	HIMSOL-35243									
							HIMSOL-50242									
							HIMSOL-60									
				v	Multi C-Si Modules	HIMSOL-72/275 (275 Wp)	HIMSOL-65242									
							HIMSOL-70242									
							HIMSOL-75242									
				vi	Multi C-Si Modules	HIMSOL-72/290 (290 Wp)	HIMSOL-72/275									
							HIMSOL-72/280									
							HIMSOL-72/285									
				vii	Multi C-Si Modules	HIMSOL-72/260 (260 Wp)	HIMSOL-72/290									
							HIMSOL-72/295									
							HIMSOL-72/300									
viii	Multi C-Si Modules	HIMSOL-72/260 (260 Wp)	HIMSOL-72/250													
			HIMSOL-72/255													
			HIMSOL-72/260													
ix	Multi C-Si Modules	HIMSOL-24210 (210 Wp)	HIMSOL-72/265													
			HIMSOL-72/270													
			HIMSOL-24200													
x	Multi C-Si Modules	HIMSOL-12155 (155 Wp)	HIMSOL-24210													
			HIMSOL-12150													
			HIMSOL-12155													
xi	Multi C-Si Modules	HIMSOL-12120 (120 Wp)	HIMSOL-12160													
			HIMSOL-12115													
			HIMSOL-12120													
xii	Multi C-Si Modules	HIMSOL-12105 (105 Wp)	HIMSOL-12125													
			HIMSOL-12105													
			HIMSOL-12110													
xiii	Multi C-Si Modules	HIMSOL-1285 (85 Wp)	HIMSOL-12100													
			HIMSOL-12105													
			HIMSOL-12110													
xiv	Multi C-Si Modules	HIMSOL-1280 (80 Wp)	HIMSOL-1285													
			HIMSOL-1280													
			HIMSOL-1285													
xv	Multi C-Si Modules	HIMSOL-1275 (75 Wp)	HIMSOL-1280													
			HIMSOL-1275													
			HIMSOL-1275													
xvi	Multi C-Si Modules	HIMSOL-1265 (65 Wp)	HIMSOL-1265													
			HIMSOL-1265													
			HIMSOL-1265													
xvii	Multi C-Si Modules	HIMSOL-1260 (60 Wp)	HIMSOL-1260													
			HIMSOL-1260													
			HIMSOL-1260													
xviii	Multi C-Si Modules	HIMSOL-1255 (55 Wp)	HIMSOL-1255													
			HIMSOL-1255													
			HIMSOL-1255													
xix	Multi C-Si Modules	HIMSOL-1250 (50 Wp)	HIMSOL-1250													
			HIMSOL-1250													
			HIMSOL-1250													
xx	Multi C-Si Modules	HIMSOL-1240 (40 Wp)	HIMSOL-1240													
			HIMSOL-1240													
			HIMSOL-1240													
14	Sun N Sand Exim (India) Pvt. Ltd.	HSIIDC Industrial Estate, Bahadurgarh, Distt-Jhajjar, Haryana	40	i	Multi C-Si Modules	SNS72FP325Wp (325 Wp)	HIMSOL-40243									
							SNS72FP310Wp									
							SNS72FP315Wp									
							SNS72FP320Wp									
							SNS72FP325Wp									
							SNS72FP330Wp									
				SNS72FP335Wp												
				ii	Multi C-Si Modules	SNS60FP260Wp (260 Wp)	SNS72FP340Wp									
							SNS60FP250Wp									
							SNS60FP255Wp									
				iii	Multi C-Si Modules	SNS36FP160Wp (160 Wp)	SNS60FP260Wp									
							SNS60FP265Wp									
SNS60FP270Wp																
iii	Multi C-Si Modules	SNS36FP160Wp (160 Wp)	SNS36FP155Wp													
			SNS36FP160Wp													
			SNS36FP165Wp													

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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				
				iv	Multi C-Si Modules	SNS36CP115Wp (115 Wp)	SNS36CP110Wp SNS36CP115Wp SNS36CP120Wp		36 (Cut Cells)	600	29.09.2021	28.09.2023				
				v	Multi C-Si Modules	SNS36CP100Wp (100 Wp)	SNS36CP100Wp		36 (Cut Cells)	600	29.09.2021	28.09.2023				
				vi	Multi C-Si Modules	SNS36CP080Wp (80 Wp)	SNS36CP080Wp		36 (Cut Cells)	600	29.09.2021	28.09.2023				
				vii	Multi C-Si Modules	SNS36CP075Wp (75 Wp)	SNS36CP075Wp		36 (Cut Cells)	600	29.09.2021	28.09.2023				
				viii	Multi C-Si Modules	SNS36CP060Wp (60 Wp)	SNS36CP060Wp		36 (Cut Cells)	600	29.09.2021	28.09.2023				
				ix	Multi C-Si Modules	SNS36CP050Wp (50 Wp)	SNS36CP050Wp		36 (Cut Cells)	600	29.09.2021	28.09.2023				
				x	Multi C-Si Modules	SNS36CP040Wp (40 Wp)	SNS36CP040Wp		36 (Cut Cells)	600	29.09.2021	28.09.2023				
				15	Insolation Energy Pvt. Ltd	Khasra No 766/2, VIII-Bagwara, Teh-Amer Jaipur, Rajasthan	98	i	Multi C-Si Modules	INA72P325 (325 Wp)	INA72P315 INA72P320 INA72P325 INA72P330		72 (Full Cells)	1500	29.09.2021	28.09.2023
				ii	Multi C-Si Modules	INA60P265 (265 Wp)	INA60P260 INA60P265 INA60P270 INA60P275		60 (Full Cells)	1000	29.09.2021	28.09.2023				
				iii	Multi C-Si Modules	INA36P160 (160 Wp)	INA36P155 INA36P160 INA36P165		36 (Full Cells)	1000	29.09.2021	28.09.2023				
iv	Mono PERC C-Si Modules	INA72MP365 (365 Wp)	INA72MP360 INA72MP365 INA72MP370 INA72MP375		72 (Full Cells)	1500	29.09.2021	28.09.2023								
v	Multi C-Si Modules	INA72P335, (335 Wp)	LGV24VS330W LFV24VS330W INA72P335 LGV24VS335W LFV24VS335W INA72P340 LGV24VS340W LFV24VS340W		72 (Full Cells)	1500	29.09.2021	28.09.2023								
vi	Mono PERC C-Si Modules	INA72MP385, (385 Wp)	INA72MP380 LGV24VS380WM LFV24VS380WM INA72MP385 LGV24VS385WM LFV24VS385WM INA72MP390 LGV24VS390WM LFV24VS390WM INA72MP395 LGV24VS395WM LFV24VS395WM		72 (Full Cells)	1500	29.09.2021	28.09.2023								
vii	Multi C-Si Modules	INA66P305, (305 Wp)	INA66P300 LGV24VS300W6 LFV24VS300W6 INA66P305 LGV24VS305W6 LFV24VS305W6 INA66P310 LGV24VS310W6 LFV24VS310W6		66 (Full Cells)	1500	29.09.2021	28.09.2023								
viii	Multi C-Si Modules	INA48P210, (210 Wp)	INA48P200 LGV24VS200W LFV24VS200W INA48P205 LGV24VS205W LFV24VS205W INA48P210 LGV24VS210W LFV24VS210W		48 (Full Cells)	1500	29.09.2021	28.09.2023								

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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							
							INA48P215												
							LGV24VS215W												
							LFV24VS215W												
							ix						Multi C-Si Modules	INA36P37, (37 Wp)	INA36P37	36 (Cut Cells)	1000	29.09.2021	28.09.2023
							LGV12VS37												
							LFV12VS37												
							x						Multi C-Si Modules	INA36P40, (40 Wp)	INA36P40	36 (Cut Cells)	1000	29.09.2021	28.09.2023
							LGV12VS40W												
							LFV12VS40W												
							xi						Multi C-Si Modules	INA36P45, (45 Wp)	INA36P45	36 (Cut Cells)	1000	29.09.2021	28.09.2023
							LGV12VS45W												
							LFV12VS45W												
							xii						Multi C-Si Modules	INA36P50, (50 Wp)	INA36P50	36 (Cut Cells)	1000	29.09.2021	28.09.2023
							LGV12VS50W												
							LFV12VS50W												
							xiii						Multi C-Si Modules	INA36P55, (55 Wp)	INA36P55	36 (Cut Cells)	1000	29.09.2021	28.09.2023
							LGV12VS55W												
							LFV12VS55W												
							xiv						Multi C-Si Modules	INA36P60, (60 Wp)	INA36P60	36 (Cut Cells)	1000	29.09.2021	28.09.2023
							LGV12VS60W												
LFV12VS60W																			
xv	Multi C-Si Modules	INA36P75, (75 Wp)	INA36P75	36 (Cut Cells)	1000	29.09.2021	28.09.2023												
LGV12VS75W																			
LFV12VS75W																			
xvi	Multi C-Si Modules	INA36P80, (80 Wp)	INA36P80	36 (Cut Cells)	1000	29.09.2021	28.09.2023												
LGV12VS80W																			
LFV12VS80W																			
xvii	Multi C-Si Modules	INA36P85, (85 Wp)	INA36P85	36 (Cut Cells)	1000	29.09.2021	28.09.2023												
LGV12VS85W																			
LFV12VS85W																			
xviii	Multi C-Si Modules	INA36P105, (105 Wp)	INA36P100	36 (Cut Cells)	1000	29.09.2021	28.09.2023												
			LGV12VS100W																
			LFV12VS100W																
			INA36P105																
			LGV12VS105W																
			LFV12VS105W																
xix	Multi C-Si Modules	INA36P120, (120 Wp)	INA36P110	36 (Cut Cells)	1000	29.09.2021	28.09.2023												
			LGV12VS110W																
			LFV12VS110W																
			INA36P115																
			LGV12VS115W																
			LFV12VS115W																
xx	Multi C-Si Modules	INA36P130, (130 Wp)	INA36P120	36 (Cut Cells)	1000	29.09.2021	28.09.2023												
			LGV12VS120W																
			LFV12VS120W																
			INA36P125																
			LGV12VS125W																
			LFV12VS125W																
i	Multi C-Si Modules	PIL-72P-325 (325Wp)	INA36P130	72 (Full Cells)	1500	29.09.2021	28.09.2023												
			LGV12VS130W																
			LFV12VS130W																
			INA36P135																
			LGV12VS135W																
			LFV12VS135W																
ii	Mono PERC C-Si Modules	PIL-72M-395 (395Wp)	PIL-72P-315	72 (Full Cells)	1500	29.09.2021	28.09.2023												
			PIL-72P-320																
			PIL-72P-325																
			PIL-72P-330																
			PIL-72P-335																
			PIL-72M-380																
			PIL-72M-385																
			PIL-72M-390																

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
				iv	Multi C-Si Modules	SSGS-60P270 (270Wp)	SSGS-60P270		60 (Full Cells)	1000	29.09.2021	28.09.2023
				v	Multi C-Si Modules	SSGS-66P295 (295Wp)	SSGS-66P275 SSGS-66P280 SSGS-66P285 SSGS-66P290 SSGS-66P295 SSGS-66P300 SSGS-60P250		66 (Full Cells)	1000	29.09.2021	28.09.2023
				vi	Multi C-Si Modules	SSGS-60P260 (260Wp)	SSGS-60P255 SSGS-60P260 SSGS-60P265 SSGS-60P270		60 (Full Cells)	1000	29.09.2021	28.09.2023
				vii	Multi C-Si Modules	SSGS-60P275 (275Wp)	SSGS-60P275 SSGS-60P280 SSGS-60P285 SSGS-60P290		60 (Full Cells)	1000	29.09.2021	28.09.2023
				viii	Multi C-Si Modules	SSGS-60P290 (290Wp)	SSGS-60P295 SSGS-60P300 SSGS-54P220 SSGS-54P225 SSGS-54P230 SSGS-54P235 SSGS-54P240		60 (Full Cells)	1000	29.09.2021	28.09.2023
				ix	Multi C-Si Modules	SSGS-54P230 (230Wp)	SSGS-48P190 SSGS-48P195 SSGS-48P200 SSGS-48P205 SSGS-48P210 SSGS-48P215 SSGS-48P220		54 (Full Cells)	1000	29.09.2021	28.09.2023
				x	Multi C-Si Modules	SSGS-48P195 (195Wp)	SSGS-42P180 SSGS-42P185		48 (Full Cells)	1000	29.09.2021	28.09.2023
				xi	Multi C-Si Modules	SSGS-48P215 (215Wp)	SSGS-42P190 SSGS-42P195		48 (Full Cells)	1000	29.09.2021	28.09.2023
				xii	Multi C-Si Modules	SSGS-42P185 (185Wp)	SSGS-36P150 SSGS-36P155		42 (Full Cells)	1000	29.09.2021	28.09.2023
				xiii	Multi C-Si Modules	SSGS-42P195 (195Wp)	SSGS-36P160 SSGS-36P165		42 (Full Cells)	1000	29.09.2021	28.09.2023
				xiv	Multi C-Si Modules	SSGS-36P155 (155Wp)	SSGS-32P135 SSGS-32P140		36 (Full Cells)	1000	29.09.2021	28.09.2023
				xv	Multi C-Si Modules	SSGS-36P165 (165Wp)	SSGS-32P145 SSGS-32P150		36 (Full Cells)	1000	29.09.2021	28.09.2023
				xvi	Multi C-Si Modules	SSGS-32P140 (140Wp)	SSGS-36P24 SSGS-36P25		32 (Full Cells)	1000	29.09.2021	28.09.2023
				xvii	Multi C-Si Modules	SSGS-32P150 (150Wp)	SSGS-36P30 SSGS-36P35		32 (Full Cells)	1000	29.09.2021	28.09.2023
				xviii	Multi C-Si Modules	SSGS-36P25 (25Wp)	SSGS-36P37 SSGS-36P40		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xix	Multi C-Si Modules	SSGS-36P30 (30Wp)	SSGS-36P45 SSGS-36P50		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xx	Multi C-Si Modules	SSGS-36P35 (35Wp)	SSGS-36P55		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxi	Multi C-Si Modules	SSGS-36P37 (37Wp)	SSGS-36P60		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxii	Multi C-Si Modules	SSGS-36P40 (40Wp)	SSGS-36P65		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxiii	Multi C-Si Modules	SSGS-36P45 (45Wp)	SSGS-36P70		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxiv	Multi C-Si Modules	SSGS-36P50 (50Wp)	SSGS-36P74 SSGS-36P75		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxv	Multi C-Si Modules	SSGS-36P55 (55Wp)	SSGS-36P80		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxvi	Multi C-Si Modules	SSGS-36P60 (60Wp)	SSGS-36P85		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxvii	Multi C-Si Modules	SSGS-36P65 (65Wp)	SSGS-36P90		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxviii	Multi C-Si Modules	SSGS-36P70 (70Wp)	SSGS-36P95		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxix	Multi C-Si Modules	SSGS-36P74 (74Wp)	SSGS-36P100 SSGS-36P105 SSGS-36P110		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxx	Multi C-Si Modules	SSGS-36P80 (80Wp)			36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxxi	Multi C-Si Modules	SSGS-36P85 (85Wp)			36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxxii	Multi C-Si Modules	SSGS-36P90 (90Wp)			36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxxiii	Multi C-Si Modules	SSGS-36P95 (95Wp)			36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxxiv	Multi C-Si Modules	SSGS-36P105 (105Wp)			36 (Cut Cells)	1000	29.09.2021	28.09.2023

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S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
				xxxv	Multi C-Si Modules	SSGS-36P120 (120Wp)	SSGS-36P115 SSGS-36P120 SSGS-36P125		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxxvi	Multi C-Si Modules	SSGS-36P135 (135Wp)	SSGS-36P130 SSGS-36P135 SSGS-36P140		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxxvii	Multi C-Si Modules	SSGS-60P210 (210Wp)	SSGS-60P200 SSGS-60P205 SSGS-60P210 SSGS-60P215 SSGS-60P220		60 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxxviii	Multi C-Si Modules	SSGS-60P235 (235Wp)	SSGS-60P225 SSGS-60P230 SSGS-60P235 SSGS-60P240 SSGS-60P245		60 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxxix	Multi C-Si Modules	SSGS-72P210 (210Wp)	SSGS-72P200 SSGS-72P205 SSGS-72P210 SSGS-72P215 SSGS-72P220		72 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxxx	Multi C-Si Modules	SSGS-72P235 (235Wp)	SSGS-72P225 SSGS-72P230 SSGS-72P235 SSGS-72P240 SSGS-72P245		72 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxxxi	Multi C-Si Modules	SSGS-72P260 (260Wp)	SSGS-72P250 SSGS-72P255 SSGS-72P260 SSGS-72P265		72 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxxxii	Multi C-Si Modules	SSGS-72P280 (280Wp)	SSGS-72P275 SSGS-72P280		72 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxxxiii	Multi C-Si Modules	SSGS-72P250/12V (250Wp)	SSGS-72P250/12V		72 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxxxiv	Multi C-Si Modules	SSGS-72P200/12V (200Wp)	SSGS-72P200/12V		72 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxxxv	Multi C-Si Modules	SSGS-120P260 (260Wp)	SSGS-120P250 SSGS-120P255 SSGS-120P260 SSGS-120P265 SSGS-120P270		120 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxxxvi	Multi C-Si Modules	SSGS-120P275 (275Wp)	SSGS-120P275		120 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxxxvii	Multi C-Si Modules	SSGS-120P290 (290Wp)	SSGS-120P280 SSGS-120P285 SSGS-120P290 SSGS-120P295 SSGS-120P300		120 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxxxviii	Multi C-Si Modules	SSGS-144P315 (315Wp)	SSGS-144P300 SSGS-144P305 SSGS-144P310 SSGS-144P315 SSGS-144P320 SSGS-144P325 SSGS-144P330		144 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxxxix	Multi C-Si Modules	SSGS-144P335 (335Wp)	SSGS-144P335		144 (Cut Cells)	1000	29.09.2021	28.09.2023
				I	Mono PERC Bifacial C-Si Modules	G2XBifacial1695-HAD (535 Wp)	G2XBifacial1663-HAD G2XBifacial1669-HAD G2XBifacial1676-HAD G2XBifacial1682-HAD G2XBifacial1689-HAD G2XBifacial1695-HAD G2XBifacial1702-HAD G2XBifacial1708-HAD		144 (Half Cut Cell)	1500	29.09.2021	28.09.2023

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
							G2XBifacial1715-HAD				29.09.2021	28.09.2023
				ii	Mono C-Si PERC Modules	G2X530-HAD (530 Wp)	G2X510-HAD		144 (Half Cut Cell)	1500	29.09.2021	28.09.2023
			G2X515-HAD					29.09.2021			28.09.2023	
			G2X520-HAD					29.09.2021			28.09.2023	
			G2X525-HAD					29.09.2021			28.09.2023	
			G2X530-HAD					29.09.2021			28.09.2023	
			G2X535-HAD					29.09.2021			28.09.2023	
			G2X540-HAD					29.09.2021			28.09.2023	
			G2X545-HAD					29.09.2021			28.09.2023	
			G2X550-HAD					29.09.2021			28.09.2023	
							iii	Mono C-Si PERC Modules			G2X495-HAB (495 Wp)	G2X505-HAB
			G2X500-HAB		29.09.2021	28.09.2023						
			G2X495-HAB		29.09.2021	28.09.2023						
			G2X485-HAB		29.09.2021	28.09.2023						
				liii	Mono C-Si PERC Modules	G2X450-HAA (450 Wp)	G2X460-HAA		120 (Half Cut Cell)	1500	29.09.2021	28.09.2023
			G2X455-HAA					29.09.2021			28.09.2023	
			G2X450-HAA					29.09.2021			28.09.2023	
			G2X445-HAA					29.09.2021			28.09.2023	
				liv	Mono C-Si PERC Modules	G2X405-HAY (405 Wp)	G2X440-HAA		108 (Half Cut Cell)	1500	29.09.2021	28.09.2023
			G2X415-HAY					29.09.2021			28.09.2023	
			G2X410-HAY					29.09.2021			28.09.2023	
			G2X405-HAY					29.09.2021			28.09.2023	
				lv	Mono C-Si PERC Modules	G2X360-HAX (360 Wp)	G2X400-HAY		96 (Half Cut Cell)	1500	29.09.2021	28.09.2023
			G2X390-HAY					29.09.2021			28.09.2023	
			G2X365-HAX					29.09.2021			28.09.2023	
			G2X360-HAX					29.09.2021			28.09.2023	
				lvi	Mono C-Si PERC Modules	GS-410-AAA (410 Wp)	G2X355HAX		78 (Full Cell)	1500	29.09.2021	28.09.2023
			G2X350-HAX					29.09.2021			28.09.2023	
			GS-390-AAA					29.09.2021			28.09.2023	
			GS-395-AAA					29.09.2021			28.09.2023	
			GS-400-AAA					29.09.2021			28.09.2023	
			GS-405-AAA					29.09.2021			28.09.2023	
			GS-410-AAA					29.09.2021			28.09.2023	
			GS-415-AAA					29.09.2021			28.09.2023	
			GS-420-AAA					29.09.2021			28.09.2023	
			GS-425-AAA					29.09.2021			28.09.2023	
				lvii	Mono C-Si PERC Modules	GS-400-AAB (400 Wp)	GS-430-AAA		72 (Full Cell)	1500	29.09.2021	28.09.2023
			GS-380-AAB					29.09.2021			28.09.2023	
			GS-385-AAB					29.09.2021			28.09.2023	
			GS-390-AAB					29.09.2021			28.09.2023	
			GS-395-AAB					29.09.2021			28.09.2023	
			GS-400-AAB					29.09.2021			28.09.2023	
			GS-405-AAB					29.09.2021			28.09.2023	
			GS-410-AAB					29.09.2021			28.09.2023	
			GS-415-AAB					29.09.2021			28.09.2023	
			GS-420-AAB					29.09.2021			28.09.2023	
				lviii	Mono C-Si PERC Modules	GS-200-AAH (200 Wp)	GS-180-AAH		36 (Full Cell)	1500	29.09.2021	28.09.2023
			GS-185-AAH					29.09.2021			28.09.2023	
			GS-190-AAH					29.09.2021			28.09.2023	
			GS-195-AAH					29.09.2021			28.09.2023	
			GS-200-AAH					29.09.2021			28.09.2023	
			GS-205-AAH					29.09.2021			28.09.2023	
				lix	Multi C-Si Modules	SSGS-72P325 (325 Wp)	GS-210-AAH		72 (full Cell)	1000	29.09.2021	28.09.2023
			SSGS-72P315					29.09.2021			28.09.2023	
			SSGS-72P320					29.09.2021			28.09.2023	
			SSGS-72P322					29.09.2021			28.09.2023	
			SSGS-72P325					29.09.2021			28.09.2023	
			SSGS-72P330					29.09.2021			28.09.2023	
			SSGS-72P333					29.09.2021			28.09.2023	
			SSGS-72P335					29.09.2021			28.09.2023	
			SSGS-72P338		29.09.2021	28.09.2023						

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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								
				lx	Multi C-Si Modules	SSGS-144P345 (345 Wp)	SSGS-72P340		144 (Half Cut Cell)	1000	29.09.2021	28.09.2023								
							SSGS-144P333				29.09.2021	28.09.2023								
							SSGS-144P338				29.09.2021	28.09.2023								
							SSGS-144P340				29.09.2021	28.09.2023								
							SSGS-144P343				29.09.2021	28.09.2023								
							SSGS-144P345				29.09.2021	28.09.2023								
				lxi	Multi C-Si Modules	GS1AA320 (320Wp)	SSGS-144P350		138 (Half Cut Cell)	1000	GS1AA320	29.09.2021	28.09.2023							
							GS1AA322				29.09.2021	28.09.2023								
							GS1AA325				29.09.2021	28.09.2023								
							SGE24P315				72 (Full Cells)	1000	29.09.2021	28.09.2023						
							SGE24P320													
SGE24P325																				
SGE24P330																				
SGE24P335																				
20	Solarium Green Energy LLP.	At Bhamasra, Ta: Bavla, Dist: Ahmedabad-382240, Gujarat, India.	70	i	Multi C-Si Modules	SGE24P330 (330Wp)	SGE24P340		72 (Full Cells)	1000	29.09.2021	28.09.2023								
							SGE24P345													
							NOVA40P36						36 (Cut Cells)	600	10.11.2021	09.11.2023				
							NOVA50P36													
							NOVA60P36													
							NOVA75P36													
							NOVA25P36													
							NOVA90P36													
							NOVA100P36													
							NOVA125P36													
							NOVA155P36													
NOVA160P36																				
NOVA165P36																				
21	Novasys Greenergy Pvt. Ltd	Khasra No. 185, Mouza: Mahalgaon, Tehsil: Kamptee, Nagpur-441202, Maharashtra	248	ix	Multi C-Si Modules	NOVA160P36 (160Wp)	NOVA205P48		48 (Full Cells)	1500	10.11.2021	09.11.2023								
							NOVA210P48													
							NOVA215P48													
							NOVA220P48													
							NOVA230P54						54 (Full Cells)	1500	10.11.2021	09.11.2023				
							NOVA235P54													
							NOVA240P54													
							NOVA245P54													
							NOVA250P54													
							NOVA260P60										60 (Full Cells)	1500	10.11.2021	09.11.2023
							NOVA265P60													
NOVA270P60																				
NOVA275P60																				
NOVA280P60																				
NOVA285P66	66 (Full Cells)	1500	10.11.2021	09.11.2023																
NOVA290P66																				
NOVA295P66																				
NOVA300P66																				
NOVA305P66																				
NOVA310P66																				
NOVA315P66																				
NOVA260P120					120 (Half-Cut Cells)	1500	10.11.2021	09.11.2023												
NOVA265P120																				
NOVA270P120																				
NOVA275P120																				
NOVA280P120																				
NOVA305P144	144 (Half-Cut Cells)	1500	10.11.2021	09.11.2023																
NOVA310P144																				
NOVA315P144																				
NOVA320P144																				
NOVA325P144																				
NOVA330P144																				
NOVA335P144																				

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
				xvi	Multi C-Si Modules	NOVA320P72 (320Wp)	NOVA305P72 NOVA310P72 NOVA315P72 NOVA320P72 NOVA325P72 NOVA330P72 NOVA335P72		72 (Full Cells)	1500	10.11.2021	09.11.2023
				xvii	Multi C-Si Modules	NOVA350P72 (350Wp)	NOVA340P72 NOVA345P72 NOVA350P72		72 (Full Cells)	1500	10.11.2021	09.11.2023
				xviii	Mono PERC C-Si Modules	NOVA165MP32 (165Wp)	NOVA165MP32 NOVA170MP32		32 (Full Cells)	1500	10.11.2021	09.11.2023
				xix	Mono PERC C-Si Modules	NOVA190MP36 (190Wp)	NOVA185MP36 NOVA190MP36 NOVA195MP36		36 (Full Cells)	1500	10.11.2021	09.11.2023
				xx	Mono PERC C-Si Modules	NOVA250MP48 (250Wp)	NOVA240MP48 NOVA245MP48 NOVA250MP48 NOVA255MP48 NOVA260MP48		48 (Full Cells)	1500	10.11.2021	09.11.2023
				xxi	Mono PERC C-Si Modules	NOVA355MP72 (355Wp)	NOVA355MP72		72 (Full Cells)	1500	10.11.2021	09.11.2023
				xxii	Mono PERC C-Si Modules	NOVA315MP60 (315Wp)	NOVA300MP60 NOVA305MP60 NOVA310MP60 NOVA315MP60 NOVA320MP60 NOVA325MP60 NOVA330MP60		60 (Full Cells)	1500	10.11.2021	09.11.2023
				xxiii	Mono PERC C-Si Modules	NOVA350MP66 (350Wp)	NOVA335MP66 NOVA340MP66 NOVA345MP66 NOVA350MP66 NOVA355MP66 NOVA360MP66 NOVA275MP54		66 (Full Cells)	1500	10.11.2021	09.11.2023
				xxiv	Mono PERC C-Si Modules	NOVA285MP54 (285Wp)	NOVA275MP54 NOVA280MP54 NOVA285MP54 NOVA290MP54 NOVA295MP54		54 (Full Cells)	1500	10.11.2021	09.11.2023
				xxv	Mono PERC C-Si Modules	NOVA380MP72 (380Wp)	NOVA365MP72 NOVA370MP72 NOVA375MP72 NOVA380MP72 NOVA385MP72 NOVA390MP72 NOVA395MP72		72 (Full Cells)	1500	10.11.2021	09.11.2023
				xxvi	Mono PERC C-Si Modules	NOVA380MP144 (380Wp)	NOVA375MP144 NOVA380MP144 NOVA385MP144 NOVA390MP144 NOVA395MP144		144 (Half-Cut Cells)	1500	10.11.2021	09.11.2023
				xxvii	Mono PERC C-Si Module	NOVA255MP72	NOVA245MP72 NOVA250MP72 NOVA255MP72 NOVA260MP72 NOVA265MP72		72 (Half Cut Cell)	1500	10.11.2021	09.11.2023
				xxviii	Mono PERC C-Si Module	NOVA270MP72 (270 Wp)	NOVA270MP72 NOVA275MP72		72 (Half Cut Cell)	1500	10.11.2021	09.11.2023

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
				xxix	Mono PERC C-Si Module	NOVA340MP96 (340 Wp)	NOVA325MP96		96 (Half Cut Cell)	1500	10.11.2021	09.11.2023
							NOVA330MP96				10.11.2021	09.11.2023
							NOVA335MP96				10.11.2021	09.11.2023
							NOVA340MP96				10.11.2021	09.11.2023
							NOVA345MP96				10.11.2021	09.11.2023
							NOVA350MP96				10.11.2021	09.11.2023
				NOVA355MP96	10.11.2021	09.11.2023						
				xxx	Mono PERC C-Si Module	NOVA360MP96 (360 Wp)	NOVA360MP96		96 (Half Cut Cell)	1500	10.11.2021	09.11.2023
							NOVA365MP96				10.11.2021	09.11.2023
				xxxi	Mono PERC C-Si Module	NOVA390MP108 (390 Wp)	NOVA375MP108		108 (Half Cut Cell)	1500	10.11.2021	09.11.2023
							NOVA380MP108				10.11.2021	09.11.2023
							NOVA385MP108				10.11.2021	09.11.2023
							NOVA390MP108				10.11.2021	09.11.2023
							NOVA395MP108				10.11.2021	09.11.2023
							NOVA400MP108				10.11.2021	09.11.2023
				xxxii	Mono PERC C-Si Module	NOVA415MP108 (415 Wp)	NOVA405MP108		108 (Half Cut Cell)	1500	10.11.2021	09.11.2023
							NOVA410MP108				10.11.2021	09.11.2023
				xxxiii	Mono PERC C-Si Module	NOVA435MP120 (435 Wp)	NOVA415MP120		120 (Half Cut Cell)	1500	10.11.2021	09.11.2023
							NOVA420MP120				10.11.2021	09.11.2023
							NOVA425MP120				10.11.2021	09.11.2023
							NOVA430MP120				10.11.2021	09.11.2023
							NOVA435MP120				10.11.2021	09.11.2023
							NOVA440MP120				10.11.2021	09.11.2023
							NOVA445MP120				10.11.2021	09.11.2023
							NOVA450MP120				10.11.2021	09.11.2023
				xxxiv	Mono PERC C-Si Module	NOVA460MP120 (460 Wp)	NOVA455MP120		120 (Half Cut Cell)	1500	10.11.2021	09.11.2023
							NOVA460MP120				10.11.2021	09.11.2023
				xxxv	Mono PERC C-Si Module	NOVA475MP132 (475 Wp)	NOVA455MP132		132 (Half Cut Cell)	1500	10.11.2021	09.11.2023
							NOVA460MP132				10.11.2021	09.11.2023
							NOVA465MP132				10.11.2021	09.11.2023
							NOVA470MP132				10.11.2021	09.11.2023
							NOVA475MP132				10.11.2021	09.11.2023
							NOVA480MP132				10.11.2021	09.11.2023
							NOVA485MP132				10.11.2021	09.11.2023
							NOVA490MP132				10.11.2021	09.11.2023
				xxxvi	Mono PERC C-Si Module	NOVA500MP132 (500 Wp)	NOVA495MP132		132 (Half Cut Cell)	1500	10.11.2021	09.11.2023
							NOVA500MP132				10.11.2021	09.11.2023
				xxxvii	Mono PERC C-Si Module	NOVA520MP144 (520 Wp)	NOVA505MP132		144 (Half Cut Cell)	1500	10.11.2021	09.11.2023
							NOVA495MP144				10.11.2021	09.11.2023
							NOVA500MP144				10.11.2021	09.11.2023
							NOVA505MP144				10.11.2021	09.11.2023
							NOVA510MP144				10.11.2021	09.11.2023
							NOVA515MP144				10.11.2021	09.11.2023
							NOVA520MP144				10.11.2021	09.11.2023
							NOVA525MP144				10.11.2021	09.11.2023
				xxxviii	Mono PERC C-Si Module	NOVA550MP144 (550 Wp)	NOVA530MP144		144 (Half Cut Cell)	1500	10.11.2021	09.11.2023
							NOVA535MP144				10.11.2021	09.11.2023
					M/s. Pahal Solar	189, Block No.-71, Olpad Sayan Road, Atodara, Olpad Surat-394540, Gujarat	215	i	Multi C-Si Modules	PS330PM_72S (330Wp)	PS315PM_72S	
PS320PM_72S												
							PS325PM_72S					
							PS330PM_72S					
				ii	Multi C-Si Modules	PS270PM_60S (270Wp)	PS260PM_60S		60 (Full Cells)	1000	10.11.2021	09.11.2023
							PS265PM_60S					
							PS270PM_60S					

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S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
				iii	Multi C-Si Modules	PS250PM_54S (250Wp)	PS275PM_60S		54 (Full Cells)	1000	10.11.2021	09.11.2023
							PS240PM_54S					
							PS245PM_54S					
				iv	Multi C-Si Modules	PS165PM_36S (165Wp)	PS250PM_54S		36 (Full Cells)	600	10.11.2021	09.11.2023
							PS155PM_36S					
							PS160PM_36S					
				v	Multi C-Si Modules	PS105PM_36S (105Wp)	PS165PM_36S		36 (Cut Cells)	600	10.11.2021	09.11.2023
							PS105PM_36S					
				vi	Multi C-Si Modules	PS080PM_36S (80Wp)	PS110PM_36S		36 (Cut Cells)	600	10.11.2021	09.11.2023
				vii	Multi C-Si Modules	PS075PM_36S (75Wp)	PS080PM_36S		36 (Cut Cells)	600	10.11.2021	09.11.2023
				viii	Multi C-Si Modules	PS050PM_36S (50Wp)	PS075PM_36S		36 (Cut Cells)	600	10.11.2021	09.11.2023
				ix	Multi C-Si Modules	PS050PM_36S (50Wp)	PS050PM_36S		36 (Cut Cells)	600	10.11.2021	09.11.2023
				x	Multi C-Si Modules	PS040PM_36S (40Wp)	PS040PM_36S		36 (Cut Cells)	600	10.11.2021	09.11.2023
				xi	Multi C-Si Modules	PS030PM_36S (30Wp)	PS040PM_36S		36 (Cut Cells)	600	10.11.2021	09.11.2023
				xii	Multi C-Si Modules	PS020PM_36S (20Wp)	PS030PM_36S		36 (Cut Cells)	600	10.11.2021	09.11.2023
				xiii	Multi C-Si Modules	PS010PM_36S (10Wp)	PS020PM_36S		36 (Cut Cells)	600	10.11.2021	09.11.2023
				xiv	Multi C-Si Modules	PS005PM_18S (5Wp)	PS010PM_36S		18 (Cut Cells)	600	10.11.2021	09.11.2023
							PS005PM_18S					
				xv	Mono PERC C-Si Module	PS_540 (540Wp)	PS335PM_72S, (335Wp)		144 (Half Cut Cell)	1500	10.11.2021	09.11.2023
PS335PM_72S												
PS340PM_72S												
PS_550	21.3											
PS_545	21.11											
PS_540	20.92											
PS_535	20.73											
PS_530	20.53											
PS_525	20.35											
PS_500	19.36											
xvi	Mono PERC C-Si Module	PS_490 (490Wp)	PS340PM_72S		132 (Half Cut Cell)	1500	10.11.2021	09.11.2023				
			PS_495	19.16								
xvii	Mono PERC C-Si Module	PS_445 (445Wp)	PS_445	20.38	144 (Half Cut Cell)	1500	10.11.2021	09.11.2023				
			PS_440	20.15								
			PS_435	19.92								
			PS_430	19.69								
xviii	Mono PERC C-Si Module	PS_405 (405 Wp)	PS_415	19	132 (Half Cut Cell)	1500	10.11.2021	09.11.2023				
			PS_380	19.53								
xix	Mono PERC C-Si Module	PS_370 (370Wp)	PS_375	19.28	132 (Half Cut Cell)	1500	10.11.2021	09.11.2023				
			PS_370	19.02								
			PS_370	19.02								
23	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	355	i	Multi C-Si Modules	PIX PD2 72 320 (320 Wp)	PIX PD2 72 305		72 (Full Cells)	1500	10.11.2021	09.11.2023
							PIX PD2 72 310					
							PIX PD2 72 315					
							PIX PD2 72 320					
							PIX PD2 72 325					
							PIX PD2 72 330					
				ii	Multi C-Si Modules	PIX P2 72 330 (330 Wp)	PIX PD2 72 335		72 (Full Cells)	1500	10.11.2021	09.11.2023
							PIX P2 72 315					
							PIX P2 72 320					
				iii	Mono PERC C-Si Modules	PIX MP3 72 385 (385 Wp)	PIX P2 72 325		72 (Full Cells)	1500	10.11.2021	09.11.2023
							PIX P2 72 330					
							PIX P2 72 335					
24	Alpex Solar Pvt. Ltd.	Plot No. I-25 & I-26, UPSIDC, Site-5, Kasna, Greater Noida, Uttar Pradesh-201306	240	i	Multi C-Si Modules	ALP40C-P36 (40Wp)	PIX MP3 72 370		72 (Full Cells)	1500	10.11.2021	09.11.2023
							PIX MP3 72 375					
							PIX MP3 72 380					
							PIX MP3 72 385					
							PIX MP3 72 390					
							PIX MP3 72 395					
ii	Multi C-Si Modules	ALP55C-P36 (55Wp)	PIX MP3 72 400		36 (Cut Cells)	600	10.11.2021	09.11.2023				
iii	Multi C-Si Modules	ALP80C-P36 (80Wp)	ALP40C-P36		36 (Cut Cells)	600	10.11.2021	09.11.2023				
					36 (Half-Cut Cells)	600	10.11.2021	09.11.2023				

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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				
				iv	Multi C-Si Modules	ALP110C-P36 (110Wp)	ALP105C-P36 ALP110C-P36 ALP115C-P36		36 (Cut Cells)	600	10.11.2021	09.11.2023				
				v	Multi C-Si Modules	ALP165W (165Wp)	ALP160W ALP165W ALP170W ALP285W		36 (Full Cells)	1500	10.11.2021	09.11.2023				
				vi	Multi C-Si Modules	ALP295W (295Wp)	ALP290W ALP295W ALP300W ALP305W		66 (Full Cells)	1500	10.11.2021	09.11.2023				
				vii	Multi C-Si Modules	ALP325W (325Wp)	ALP310W ALP315W ALP320W ALP325W ALP330W ALP335W ALP340W		72 (Full Cells)	1500	10.11.2021	09.11.2023				
				viii	MONO C-Si PERC Modues	ALP65C-M36 (65Wp)	ALP65C-M36		36 (Cut Cells)	600	10.11.2021	09.11.2023				
				ix	MONO C-Si PERC Modues	ALP95C-M36 (95Wp)	ALP95C-M36		36 (Half-Cut Cells)	600	10.11.2021	09.11.2023				
				x	MONO C-Si PERC Modues	ALP130C-M36 (130Wp)	ALP125C-M36 ALP130C-M36 ALP135C-M36		36 (Cut Cells)	600	10.11.2021	09.11.2023				
				xi	MONO C-Si PERC Modues	ALP185WM (185Wp)	ALP180WM ALP185WM ALP190WM		36 (Full Cells)	1500	10.11.2021	09.11.2023				
				xii	MONO C-Si PERC Modues	ALP370WM (370Wp)	ALP355WM ALP360WM ALP365WM ALP370WM ALP375WM ALP380WM ALP385WM		72 (Full Cells)	1500	10.11.2021	09.11.2023				
				25	Vikram Solar Ltd.	B1000A, B1100C, Indospace Industrial Park, Panruti Pvt. Ltd., Survey No-2/A, Sriperumbudur Taluk, Panaiyur Village, Kanchipuram-603302, Tamil Nadu	1287	i	Multi C-Si Modules.	ELDORA VSPH.72.350.05, (350Wp)	ELDORA VSPH.72.340.05 ELDORA VSPH.72.345.05 ELDORA VSPH.72.350.05 ELDORA VSPH.72.355.05		144 (Half-Cut Cells)	1500	10.11.2021	09.11.2023
								ii	Mono C-Si PERC Monofacial Modules.	SOMERA VSMH.72.440.05, (440Wp)	SOMERA VSMH.72.435.05 SOMERA VSMH.72.440.05		144 (Half-Cut Cells)	1500	10.11.2021	09.11.2023
								iii	Mono C-Si PERC Monofacial Modules.	SOMERA VSMH.72.530.05, (530Wp)	SOMERA VSMH.72.520.05 SOMERA VSMH.72.525.05 SOMERA VSMH.72.530.05 SOMERA VSMH.72.535.05		144 (Half-Cut Cells)	1500	10.11.2021	09.11.2023
				iv	Mono C-Si PERC Bi-Facial Modules.	PREXOS VSM DHT.72.435.05, (435Wp)	PREXOS VSM DHT.72.435.05		144 (Half-Cut Cells)	1500	10.11.2021	09.11.2023				
				v	Mono C-Si PERC Bi-Facial Modules.	PREXOS VSM DHT.72.530.05, (530Wp)	PREXOS VSM DHT.72.520.05 PREXOS VSM DHT.72.525.05 PREXOS VSM DHT.72.530.05 PREXOS VSM DHT.72.535.05		144 (Half-Cut Cells)	1500	10.11.2021	09.11.2023				
				vi	Mono PERC C-Si Module	SOMERA VSMH.66.AAA.05 (640Wp)	SOMERA VSMH.66.615.05 SOMERA VSMH.66.620.05 SOMERA VSMH.66.625.05 SOMERA VSMH.66.630.05 SOMERA VSMH.66.635.05 SOMERA VSMH.66.640.05 SOMERA VSMH.66.645.05 SOMERA VSMH.66.650.05		132 (Half Cut Cell)	1500	10.11.2021	09.11.2023				
				vii	Mono PERC C-Si Module	SOMERA VSMH.60AAA.05 (580Wp)	SOMERA VSMH.60.570.05 SOMERA VSMH.60.575.05 SOMERA VSMH.60.580.05 SOMERA VSMH.60.585.05		120 (Half Cut Cell)	1500	10.11.2021	09.11.2023				

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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		
				viii	Mono PERC Bifacial C-Si Module	PARADEA VSM DH.72AAA.05 (545Wp)	SOMERA VSMH.60.590.05		144 (Half Cut Cell)	1500	10.11.2021	09.11.2023		
							PARADEA VSM DH.72.535.05				10.11.2021	09.11.2023		
							PARADEA VSM DH.72.540.05				10.11.2021	09.11.2023		
							PARADEA VSM DH.72.545.05				10.11.2021	09.11.2023		
				ix	Mono PERC C-Si Module	SOMERA VSMH.72AAA.05 (545Wp)	PARADEA VSM DH.72.550.05		144 (Half Cut Cell)	1500	SOMERA VSMH.72.540.05	10.11.2021	09.11.2023	
							SOMERA VSMH.72.545.05				10.11.2021	09.11.2023		
							SOMERA VSMH.72.550.05				10.11.2021	09.11.2023		
				x	Mono PERC C-Si Module	SOMERA VSMH.60AAA.05 (455Wp)	SOMERA VSMH.60.450.05		120 (Half Cut Cell)	1500	SOMERA VSMH.60.455.05	10.11.2021	09.11.2023	
							SOMERA VSMH.60.460.05				10.11.2021	09.11.2023		
							SOMERA VSMH.60.465.05				10.11.2021	09.11.2023		
				xi	Mono PERC C-Si Module	SOMERA VSMH.72AAA.05 (450Wp)	SOMERA VSMH.72.445.05		144 (Half Cut Cell)	1500	SOMERA VSMH.72.450.05	10.11.2021	09.11.2023	
							SOMERA VSMH.72.455.05				10.11.2021	09.11.2023		
SOMERA VSMH.72.455.05	10.11.2021	09.11.2023												
26	Contendre Greenergy Pvt. Ltd.	Unit No: I/6, Rajlakhmi HiTech Industrial Park, Sonale Village, Bhiwandi, Maharashtra	47	i	Multi C-Si Modules	CG P36-40 (40Wp)	CG P36-40		36 (Half-Cut Cells)	1500	30.12.2021	29.12.2023		
				ii	Multi C-Si Modules	CG P36-160 (160Wp)	CG P36-155		36 (Full Cells)	1500	30.12.2021	29.12.2023		
				iii	Multi C-Si Modules	CG P72-320 (320Wp)	CG P36-160			72 (Full Cells)	1500	CG P36-165	30.12.2021	29.12.2023
							CG P72-305							
							CG P72-310							
							CG P72-315							
							CG P72-320							
							CG P72-325							
				iv	Mono C-Si PERC Modues	CG M72-400 (400Wp)	CG P72-330			72 (Full Cells)	1500	CG P72-335	30.12.2021	29.12.2023
							CG M72-380							
							CG M72-385							
							CG M72-390							
												CG M72-395		
												CG M72-400		
												CG M72-405		
												CG M72-410		
CG M72-415														
RSPL24P320														
RSPL24P325														
RSPL24P330														
RSPL24P335														
i	Multi- C-Si Modules.	RSPL24P330, (330Wp)	RSPL24P320J		72 Full Cells	1000	RSPL24P325J	30.12.2021	29.12.2023					
			RSPL24P330J											
ii	Multi- C-Si Modules	RSPL24P330J, (330Wp)	RSPL24P335		72 Full Cells	1000	RSPL24P320	30.12.2021	29.12.2023					
			RSPL24P325											
			RSPL24P330											
			RSPL24P335											
iii	Multi- C-Si Modules	RSPL24CP330, (330Wp)	RSPL24CP320J		144 Half-Cut Cells	1000	RSPL24CP325	30.12.2021	29.12.2023					
			RSPL24CP330											
			RSPL24CP335											
			RSPL24CP330J											
iv	Multi- C-Si Modules	RSPL24CP330J, (330Wp)	RSPL24CP320		144 Half-Cut Cells	1000	RSPL24CP325	30.12.2021	29.12.2023					
			RSPL24CP330											
			RSPL24CP335											
v	Multi- C-Si Modules	RSPL18P260J, (260Wp)	RSPL24CP330J		60 Full Cells	1000	RSPL18P250J	30.12.2021	29.12.2023					
			RSPL18P260J											
			RSPL18P270J											
vi	Multi- C-Si Modules	RSPL18P260, (260Wp)	RSPL18P250		60 Full Cells	1000	RSPL18P260	30.12.2021	29.12.2023					
			RSPL18P270											
			RSPL18P270											
vii	Multi- C-Si Modules	RSPL12P150, (150Wp)	RSPL12P150		36 Full Cells	600	30.12.2021	29.12.2023						
viii	Multi- C-Si Modules	RSPL12P160, (160Wp)	RSPL12P160		36 Full Cells	600	30.12.2021	29.12.2023						
ix	Multi- C-Si Modules	RSPL12P170, (170Wp)	RSPL12P170		36 Full Cells	600	30.12.2021	29.12.2023						
x	Multi- C-Si Modules	RSPL12P150J, (150Wp)	RSPL12P150J		36 Full Cells	600	30.12.2021	29.12.2023						
xi	Multi- C-Si Modules	RSPL12P160J, (160Wp)	RSPL12P160J		36 Full Cells	600	30.12.2021	29.12.2023						
xii	Multi- C-Si Modules	RSPL12P170J, (170Wp)	RSPL12P170J		36 Full Cells	600	30.12.2021	29.12.2023						
xiii	Multi- C-Si Modules	RSPL12CP120, (120Wp)	RSPL12CP120		36 Cut Cells	600	30.12.2021	29.12.2023						
xiv	Multi- C-Si Modules	RSPL12CP110, (110Wp)	RSPL12CP110		36 Cut Cells	600	30.12.2021	29.12.2023						
xv	Multi- C-Si Modules	RSPL12CP100, (100Wp)	RSPL12CP100		36 Cut Cells	600	30.12.2021	29.12.2023						

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
				xvi	Multi- C-Si Modules	RSPL12CP75, (75Wp)	RSPL12CP74 RSPL12CP75		36 Cut Cells	600	30.12.2021	29.12.2023
				xvii	Multi- C-Si Modules	RSPL12CP60, (60Wp)	RSPL12CP60		36 Cut Cells	600	30.12.2021	29.12.2023
				xviii	Multi- C-Si Modules	RSPL12CP50, (50Wp)	RSPL12CP50		36 Cut Cells	600	30.12.2021	29.12.2023
				xix	Multi- C-Si Modules	RSPL12CP40, (40Wp)	RSPL12CP40		36 Cut Cells	600	30.12.2021	29.12.2023
				xx	Multi- C-Si Modules	RSPL12CP25, (24Wp-25Wp)	RSPL12CP24 RSPL12CP25		36 Cut Cells	600	30.12.2021	29.12.2023
				xxi	Multi- C-Si Modules	RSPL12CP125J, (125Wp)	RSPL12CP120J RSPL12CP125J RSPL12CP130J		36 Cut Cells	600	30.12.2021	29.12.2023
				xxii	Multi- C-Si Modules	RSPL12CP110J, (110Wp)	RSPL12CP110J		36 Cut Cells	600	30.12.2021	29.12.2023
				xxiii	Multi- C-Si Modules	RSPL12CP100J, (100Wp)	RSPL12CP100J		36 Cut Cells	600	30.12.2021	29.12.2023
				xxiv	Multi- C-Si Modules	RSPL12CP75J, (75Wp)	RSPL12CP74J RSPL12CP75J		36 Cut Cells	600	30.12.2021	29.12.2023
				xxv	Multi- C-Si Modules	RSPL12CP60J, (60Wp)	RSPL12CP60J		36 Cut Cells	600	30.12.2021	29.12.2023
				xxvi	Multi- C-Si Modules	RSPL12CP50J, (50Wp)	RSPL12CP50J		36 Cut Cells	600	30.12.2021	29.12.2023
				xxvii	Multi- C-Si Modules	RSPL12CP40J, (40Wp)	RSPL12CP40J		36 Cut Cells	600	30.12.2021	29.12.2023
				xxviii	Multi- C-Si Modules	RSPL12CP25J, (25Wp)	RSPL12CP24J RSPL12CP25J		36 Cut Cells	600	30.12.2021	29.12.2023
				xxix	Multi- C-Si Modules	RSPL24CP290J, (290Wp)	RSPL24CP280J RSPL24CP290J RSPL24CP300J		72 Cut Cells	1000	30.12.2021	29.12.2023
				xxx	Multi- C-Si Modules	RSPL24CP260J, (260Wp)	RSPL24CP250J RSPL24CP260J RSPL24CP270J		72 Cut Cells	1000	30.12.2021	29.12.2023
				xxxi	Multi- C-Si Modules	RSPL24CP200J, (200Wp)	RSPL24CP190J RSPL24CP200J RSPL24CP210J		72 Cut Cells	1000	30.12.2021	29.12.2023
				xxxii	Multi- C-Si Modules	RSPL24CP290, (290Wp)	RSPL24CP280 RSPL24CP290 RSPL24CP300		72 Cut Cells	1000	30.12.2021	29.12.2023
				xxxiii	Multi- C-Si Modules	RSPL24CP260, (260Wp)	RSPL24CP250 RSPL24CP260 RSPL24CP270		72 Cut Cells	1000	30.12.2021	29.12.2023
				xxxiv	Multi- C-Si Modules	RSPL24CP200, (200Wp)	RSPL24CP190 RSPL24CP200 RSPL24CP210		72 Cut Cells	1000	30.12.2021	29.12.2023
				xxxv	Multi- C-Si Modules	RSPL72CP200, (200Wp)	RSPL72CP190 RSPL72CP200		72 Cut Cells	1000	30.12.2021	29.12.2023
				xxxvi	Multi- C-Si Modules	RSPL72CP200J, (200Wp)	RSPL72CP190J RSPL72CP200J		72 Cut Cells	1000	30.12.2021	29.12.2023
				xxxvii	Multi- C-Si Modules	RSPL72CP40, (40Wp)	RSPL72CP40		72 Cut Cells	600	30.12.2021	29.12.2023
				xxxviii	Multi- C-Si Modules	RSPL72CP40J, (40Wp)	RSPL72CP40J		72 Cut Cells	600	30.12.2021	29.12.2023
				xxxix	Multi- C-Si Modules	RSPL72CP50, (50Wp)	RSPL72CP50		72 Cut Cells	600	30.12.2021	29.12.2023
				xl	Multi- C-Si Modules	RSPL72CP50J, (50Wp)	RSPL72CP50J		72 Cut Cells	600	30.12.2021	29.12.2023
				xli	Multi- C-Si Modules	RSPL72CP60, (60Wp)	RSPL72CP60		72 Cut Cells	600	30.12.2021	29.12.2023
				xlii	Multi- C-Si Modules	RSPL72CP60J, (60Wp)	RSPL72CP60J		72 Cut Cells	600	30.12.2021	29.12.2023
				xliii	Mono C-Si PERC Modules.	RSPLM24P360, (360Wp)	RSPLM24P360		72 Full Cells	1000	30.12.2021	29.12.2023
				xliv	Mono C-Si PERC Modules.	RSPLM24P380, (380Wp)	RSPLM24P370 RSPLM24P380 RSPLM24P390		72 Full Cells	1000	30.12.2021	29.12.2023
				xlv	Mono C-Si PERC Modules.	RSPLM18P290, (290Wp)	RSPLM18P280 RSPLM18P290 RSPLM18P300		60 Full Cells	1000	30.12.2021	29.12.2023
				xlvi	Mono C-Si PERC Modules.	RSPLM12P160, (160Wp)	RSPLM12P160		36 Full Cells	600	30.12.2021	29.12.2023
				xlvii	Mono C-Si PERC Modules.	RSPLM12P170, (170Wp)	RSPLM12P170		36 Full Cells	600	30.12.2021	29.12.2023
				xlviii	Mono C-Si PERC Modules.	RSPLM12P180, (180Wp)	RSPLM12P180		36 Full Cells	600	30.12.2021	29.12.2023
				xlix	Mono C-Si PERC Modules.	RSPLM12CP100, (100Wp)	RSPLM12CP100		36 Cut Cells	600	30.12.2021	29.12.2023
				i	Mono C-Si PERC Modules.	RSPLM12CP75, (75Wp)	RSPLM12CP75		36 Cut Cells	600	30.12.2021	29.12.2023
				ii	Mono C-Si PERC Modules.	RSPLM12CP60, (60Wp)	RSPLM12CP60		36 Cut Cells	600	30.12.2021	29.12.2023
				iii	Mono C-Si PERC Modules.	RSPLM12CP50, (50Wp)	RSPLM12CP50		36 Cut Cells	600	30.12.2021	29.12.2023
				liii	Mono C-Si PERC Modules.	RSPLM12CP40, (40Wp)	RSPLM12CP40		36 Cut Cells	600	30.12.2021	29.12.2023

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S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
				liv	Mono C-Si PERC Modules.	RSPLM24CP360, (360Wp)	RSPLM24CP360		144 Half-Cut Cells	1000	30.12.2021	29.12.2023
				lv	Mono C-Si PERC Modules.	RSPLM24CP380, (380Wp)	RSPLM24CP370 RSPLM24CP380 RSPLM24CP390		144 Half-Cut Cells	1000	30.12.2021	29.12.2023
				lvi	Mono C-Si PERC Modules.	RSPLM48CP360, (360Wp)	RSPLM48CP360		144 Half-Cut Cells	1000	30.12.2021	29.12.2023
				lvii	Mono C-Si PERC Modules.	RSPLM48CP380, (380Wp)	RSPLM48CP370 RSPLM48CP380 RSPLM48CP390		144 Half-Cut Cells	1000	30.12.2021	29.12.2023
28	M/s. ECE (India) Energies Pvt. Ltd.	F-27, Express Highway, MIDC, Amravati-444607, Maharashtra, India.	45	i	Multi C-Si Modules.	ECE036P160, (160Wp)	ECE036P155 ECE036P160		36 (Full Cells)	1500	04.03.2022	03.03.2024
				ii	Multi C-Si Modules.	ECE036P170, (170Wp)	ECE036P165 ECE036P170		36 (Full Cells)	1500	04.03.2022	03.03.2024
				iii	Multi C-Si Modules.	ECE060P270, (270Wp)	ECE060P260 ECE060P265 ECE060P270 ECE060P275 ECE060P280		60 (Full Cells)	1500	04.03.2022	03.03.2024
				iv	Multi C-Si Modules.	ECE066P300, (300Wp)	ECE066P285 ECE066P290 ECE066P295 ECE066P300 ECE066P305 ECE066P310		66 (Full Cells)	1500	04.03.2022	03.03.2024
				v	Multi C-Si Modules.	ECE072P320, (320Wp)	ECE072P310 ECE072P315 ECE072P320 ECE072P325 ECE072P330		72 (Full Cells)	1500	04.03.2022	03.03.2024
				vi	Multi C-Si Modules.	ECE-66P315, (315Wp)	ECE-66P300 ECE-66P310 ECE-66P315 ECE-66P320 ECE-66P325		66 (Full Cells)	1500	04.03.2022	03.03.2024
				vii	Multi C-Si Modules.	ECE-72P335, (335Wp)	ECE-72P320 ECE-72P325 ECE-72P330 ECE-72P335 ECE-72P340 ECE-72P345 ECE-72P350		72 (Full Cells)	1500	04.03.2022	03.03.2024
				viii	Mono C-Si PERC Modules.	ECE036M175, (175Wp)	ECE036M170 ECE036M175 ECE036M180		36 (Full Cells)	1500	04.03.2022	03.03.2024
				ix	Mono C-Si PERC Modules.	ECE036M185, (185Wp)	ECE036M185		36 (Full Cells)	1500	04.03.2022	03.03.2024
				x	Mono C-Si PERC Modules.	ECE060M285, (285Wp)	ECE060M280 ECE060M285 ECE060M290 ECE060M295		60 (Full Cells)	1500	04.03.2022	03.03.2024
				xi	Mono C-Si PERC Modules.	ECE060M305, (305Wp)	ECE060M300 ECE060M305 ECE060M310 ECE066M310		60 (Full Cells)	1500	04.03.2022	03.03.2024
				xii	Mono C-Si PERC Modules.	ECE066M325, (325Wp)	ECE066M315 ECE066M320 ECE066M325 ECE066M330 ECE066M335 ECE066M340		66 (Full Cells)	1500	04.03.2022	03.03.2024
				xiii	Mono C-Si PERC Modules.	ECE072M350, (350Wp)	ECE072M335 ECE072M340 ECE072M345 ECE072M350		72 (Full Cells)	1500	04.03.2022	03.03.2024

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S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
29	Rayzon Solar Private Limited (formerly known as M/s. Rayzon Green Energies)	Block No-105, B/H Aron Pipes, B/H hariya Talav, Kim mandvi Road, Karanj, Surat-394110, Gujrat, India.	945	xiv	Mono C-Si PERC Modules.	ECE072M370, (370Wp)	ECE072M355 ECE072M360 ECE072M365 ECE072M370		72 (Full Cells)	1500	04.03.2022	03.03.2024
				i	Multi C-Si Modules	RGE310W72, (310Wp)	RGE300W72 RGE 305W72 RGE 310W72 RGE 315W72		72 (Full Cells)	1000	04.03.2022	03.03.2024
				ii	Multi C-Si Modules	RGE 335W/72, (335Wp)	RGE 320W72 RGE 325W72 RGE 330W72 RGE 335W/72 RGE 340W/72 RGE 345W72		72 (Full Cells)	1000	04.03.2022	03.03.2024
				iii	Multi C-Si Modules	RGE305W66F, (305Wp)	RGE290W66F RGE295W66F RGE300W66F RGE305W66F RGE310W66F RGE315W66F RGE320W66F		66 (Full Cells)	1000	04.03.2022	03.03.2024
				iv	Multi C-Si Modules	RGE 255W60F, (255Wp)	RGE 250W60F RGE 255W60F RGE 260W60F RGE 265W60F		60 (Full Cells)	1000	04.03.2022	03.03.2024
				v	Multi C-Si Modules	RGE 270W60F, (270Wp)	RGE 270W60F RGE 275W60F RGE 280W60F		60 (Full Cells)	1000	04.03.2022	03.03.2024
				vi	Multi C-Si Modules	RGE 230W54F, (230Wp)	RGE 225W54F RGE 230W54F RGE 235W54F		54 (Full Cells)	1000	04.03.2022	03.03.2024
				vii	Multi C-Si Modules	RGE 245W54F, (245Wp)	RGE 240W54F RGE 245W54F RGE 250W54F		54 (Full Cells)	1000	04.03.2022	03.03.2024
				viii	Multi C-Si Modules	RGE 205W48F, (205Wp)	RGE 200W48F RGE 205W48F RGE 210W48F		48 (Full Cells)	1000	04.03.2022	03.03.2024
				ix	Multi C-Si Modules	RGE 220W48F, (220Wp)	RGE 215W48F RGE 220W48F RGE 225W48F		48 (Full Cells)	1000	04.03.2022	03.03.2024
				x	Multi C-Si Modules	RGE 40W36C, (40Wp)	RGE 40W36C		36 (Cut Cells)	600	04.03.2022	03.03.2024
				xi	Multi C-Si Modules	RGE 50W36C, (50Wp)	RGE 50W36C		36 (Cut Cells)	600	04.03.2022	03.03.2024
				xii	Multi C-Si Modules	RGE 55W36C, (55Wp)	RGE 55W36C		36 (Cut Cells)	600	04.03.2022	03.03.2024
				xiii	Multi C-Si Modules	RGE 60W36C, (60Wp)	RGE 60W36C		36 (Cut Cells)	600	04.03.2022	03.03.2024
				xiv	Multi C-Si Modules	RGE 75W36C, (75Wp)	RGE 75W36C		36 (Cut Cells)	600	04.03.2022	03.03.2024
				xv	Multi C-Si Modules	RGE 80W36C, (80Wp)	RGE 80W36C		36 (Cut Cells)	600	04.03.2022	03.03.2024
				xvi	Multi C-Si Modules	RGE 100W36C, (100Wp)	RGE 100W36C		36 (Cut Cells)	600	04.03.2022	03.03.2024
				xvii	Multi C-Si Modules	RGE 110W36, (110Wp)	RGE 110W36		36 (Cut Cells)	600	04.03.2022	03.03.2024
				xviii	Multi C-Si Modules	RGE125W36C, (125Wp)	RGE120W36C RGE125W36C		36 (Cut Cells)	600	04.03.2022	03.03.2024
				xix	Multi C-Si Modules	RGE 155W36F, (155Wp)	RGE 150W36F RGE 155W36F		36 (Full Cells)	1000	04.03.2022	03.03.2024
				xx	Multi C-Si Modules	RGE 165W36F, (165Wp)	RGE 160W36F RGE 165W36F		36 (Full Cells)	1000	04.03.2022	03.03.2024
				xxi	Mono C-Si PERC Modules	RGE300W54F, (300Wp)	RGE300W54F RGE295W54F		54 (Full Cells)	1500	04.03.2022 04.03.2022	03.03.2024 03.03.2024
xxii	Mono C-Si PERC Modules	RGE280W54F, (280Wp)	RGE270W54F RGE275W54F RGE280W54F RGE285W54F		54 (Full Cells)	1500	04.03.2022 04.03.2022 04.03.2022 04.03.2022	03.03.2024 03.03.2024 03.03.2024 03.03.2024				

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
				xxiii	Mono C-Si PERC Modules	RGE315W60F, (315Wp)	RGE290W54F		60 (Full Cells)	1500	04.03.2022	03.03.2024
			RGE300W60F					04.03.2022			03.03.2024	
			RGE305W60F					04.03.2022			03.03.2024	
			RGE310W60F					04.03.2022			03.03.2024	
			RGE315W60F					04.03.2022			03.03.2024	
			RGE320W60F					04.03.2022			03.03.2024	
			RGE325W60F					04.03.2022			03.03.2024	
				xxiv	Mono C-Si PERC Modules	RGE345W66F, (345Wp)	RGE330W60F		66 (Full Cells)	1500	04.03.2022	03.03.2024
			RGE330W66F					04.03.2022			03.03.2024	
			RGE335W66F					04.03.2022			03.03.2024	
			RGE340W66F					04.03.2022			03.03.2024	
			RGE345W66F					04.03.2022			03.03.2024	
			RGE350W66F					04.03.2022			03.03.2024	
			RGE355W66F					04.03.2022			03.03.2024	
				xxv	Mono C-Si PERC Modules	RGE365W66F, (365Wp)	RGE360W66F		66 (Full Cells)	1500	04.03.2022	03.03.2024
			RGE365W66F					04.03.2022			03.03.2024	
				xxvi	Mono C-Si PERC Modules	RGE375W72F, (375Wp)	RGE360W72F		72 (Full Cells)	1500	04.03.2022	03.03.2024
			RGE365W72F					04.03.2022			03.03.2024	
			RGE370W72F					04.03.2022			03.03.2024	
			RGE375W72F					04.03.2022			03.03.2024	
			RGE380W72F					04.03.2022			03.03.2024	
			RGE385W72F					04.03.2022			03.03.2024	
			RGE390W72F					04.03.2022			03.03.2024	
				xxvii	Mono C-Si PERC Modules	RGE400W72F, (400Wp)	RGE395W72F		72 (Full Cells)	1500	04.03.2022	03.03.2024
			RGE400W72F					04.03.2022			03.03.2024	
				xxviii	Mono C-Si PERC Modules	RS345WC, (345Wp)	RS330WC		96 (Half Cut Cells)	1500	04.03.2022	03.03.2024
			RS335WC					04.03.2022			03.03.2024	
			RS340WC					04.03.2022			03.03.2024	
			RS345WC					04.03.2022			03.03.2024	
			RS350WC					04.03.2022			03.03.2024	
			RS355WC					04.03.2022			03.03.2024	
			RS360WC					04.03.2022			03.03.2024	
				xxix	Mono C-Si PERC Modules	RS380WC, (380Wp)	RS370WC		108 (Half Cut Cells)	1500	04.03.2022	03.03.2024
			RS375WC					04.03.2022			03.03.2024	
			RS380WC					04.03.2022			03.03.2024	
			RS385WC					04.03.2022			03.03.2024	
				xxx	Mono C-Si PERC Modules	RS400WC, (400Wp)	RS390WC		108 (Half Cut Cells)	1500	04.03.2022	03.03.2024
			RS395WC					04.03.2022			03.03.2024	
			RS400WC					04.03.2022			03.03.2024	
				xxxi	Mono C-Si PERC Modules	RS430WC, (430Wp)	RS405WC		120 (Half Cut Cells)	1500	04.03.2022	03.03.2024
			RS410WC					04.03.2022			03.03.2024	
			RS415WC					04.03.2022			03.03.2024	
			RS420WC					04.03.2022			03.03.2024	
			RS425WC					04.03.2022			03.03.2024	
			RS430WC					04.03.2022			03.03.2024	
			RS435WC					04.03.2022			03.03.2024	
			RS440WC					04.03.2022			03.03.2024	
				xxxii	Mono C-Si PERC Modules	RS475WC, (475Wp)	RS445WC		132 (Half Cut Cells)	1500	04.03.2022	03.03.2024
			RS450WC					04.03.2022			03.03.2024	
			RS455WC					04.03.2022			03.03.2024	
			RS460WC					04.03.2022			03.03.2024	
			RS465WC					04.03.2022			03.03.2024	
			RS470WC					04.03.2022			03.03.2024	
			RS475WC					04.03.2022			03.03.2024	
			RS480WC					04.03.2022			03.03.2024	
						RS485WC					04.03.2022	03.03.2024

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
							RS490WC				04.03.2022	03.03.2024
							RS495WC				04.03.2022	03.03.2024
				xxxiii	Mono C-Si PERC Modules	RS520WC, (520Wp)	RS500WC		144 (Half Cut Cells)	1500	04.03.2022	03.03.2024
			RS505WC					04.03.2022			03.03.2024	
			RS510WC					04.03.2022			03.03.2024	
			RS515WC					04.03.2022			03.03.2024	
			RS520WC					04.03.2022			03.03.2024	
			RS525WC					04.03.2022			03.03.2024	
			RS530WC					04.03.2022			03.03.2024	
			RS535WC					04.03.2022			03.03.2024	
			RS540WC					04.03.2022			03.03.2024	
			RS545WC					04.03.2022			03.03.2024	
			xxxiv	Mono PERC C-Si Module	RS555WC (555 Wp)	RS550WC	21.32	144 (Half Cut Cells)	1500	04.03.2022	03.03.2024	
						RS555WC	21.52			04.03.2022	03.03.2024	
						RS560WC	21.71			04.03.2022	03.03.2024	
			xxxv	Mono PERC Bifacial C-Si with Transparent Backsheet	RSB530WC (530 Wp)	RSB550WC	21.32	144 (Half Cut Cells)	1500	04.03.2022	03.03.2024	
						RSB545WC	21.13			04.03.2022	03.03.2024	
						RSB540WC	20.94			04.03.2022	03.03.2024	
						RSB535WC	20.75			04.03.2022	03.03.2024	
						RSB530WC	20.56			04.03.2022	03.03.2024	
						RSB525WC	20.37			04.03.2022	03.03.2024	
						RSB520WC	20.18			04.03.2022	03.03.2024	
						RSB515WC	19.99			04.03.2022	03.03.2024	
						RSB510WC	19.79			04.03.2022	03.03.2024	
						RSB505WC	19.59			04.03.2022	03.03.2024	
			xxxvi	Mono PERC Bifacial C-Si with Transparent Backsheet	RSB480WC (480 Wp)	RSB500WC	21.08	132 (Half Cut Cells)	1500	04.03.2022	03.03.2024	
						RSB495WC	20.87			04.03.2022	03.03.2024	
						RSB490WC	20.66			04.03.2022	03.03.2024	
						RSB485WC	20.46			04.03.2022	03.03.2024	
						RSB480WC	20.26			04.03.2022	03.03.2024	
						RSB475WC	20.02			04.03.2022	03.03.2024	
						RSB470WC	19.84			04.03.2022	03.03.2024	
						RSB465WC	19.6			04.03.2022	03.03.2024	
						RSB460WC	19.4			04.03.2022	03.03.2024	
						RSB455WC	21.02			04.03.2022	03.03.2024	
			xxxvii	Mono PERC Bifacial C-Si with Transparent Backsheet	RSB435WC (435 Wp)	RSB450WC	20.81	120 (Half Cut Cells)	1500	04.03.2022	03.03.2024	
						RSB445WC	20.58			04.03.2022	03.03.2024	
						RSB440WC	20.35			04.03.2022	03.03.2024	
						RSB435WC	20.1			04.03.2022	03.03.2024	
						RSB430WC	19.86			04.03.2022	03.03.2024	
						RSB425WC	19.65			04.03.2022	03.03.2024	
						RSB420WC	19.42			04.03.2022	03.03.2024	
						RSB415WC	19.18			04.03.2022	03.03.2024	
			xxxviii	Mono PERC Bifacial C-Si with Transparent Backsheet	RSB390WC (390 Wp)	RSB410WC	21	108 (Half Cut Cells)	1500	04.03.2022	03.03.2024	
						RSB405WC	20.75			04.03.2022	03.03.2024	
						RSB400WC	20.47			04.03.2022	03.03.2024	
						RSB395WC	20.22			04.03.2022	03.03.2024	
						RSB390WC	19.96			04.03.2022	03.03.2024	
						RSB385WC	19.72			04.03.2022	03.03.2024	
			xxxix	Mono PERC Bifacial C-Si with	RSG530WC (530 Wp)	RSB380WC	19.47	144 (Half Cut Cells)	1500	04.03.2022	03.03.2024	
						RSG550WC	21.08			04.03.2022	03.03.2024	
						RSG545WC	20.87			04.03.2022	03.03.2024	
						RSG540WC	20.66			04.03.2022	03.03.2024	
						RSG535WC	20.46			04.03.2022	03.03.2024	
						RSG530WC	20.26			04.03.2022	03.03.2024	

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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				
				xxxx	Glass to Glass	RSG50WC (350 Wp)	RSG525WC	20.02	144 (Half Cut Cells)	1500	04.03.2022	03.03.2024				
							RSG520WC	19.84			04.03.2022	03.03.2024				
							RSG515WC	19.6			04.03.2022	03.03.2024				
							RSG510WC	19.4			04.03.2022	03.03.2024				
							RSG505WC	21.08			04.03.2022	03.03.2024				
				xL	Mono PERC Bifacial C-Si with Glass to Glass	RSG480WC (480 Wp)	RSG500WC	21.08	132 (Half Cut Cells)	1500	04.03.2022	03.03.2024				
							RSG495WC	20.87			04.03.2022	03.03.2024				
							RSG490WC	20.66			04.03.2022	03.03.2024				
							RSG485WC	20.46			04.03.2022	03.03.2024				
							RSG480WC	20.26			04.03.2022	03.03.2024				
							RSG475WC	20.02			04.03.2022	03.03.2024				
							RSG470WC	19.84			04.03.2022	03.03.2024				
							RSG465WC	19.6			04.03.2022	03.03.2024				
							RSG460WC	19.4			04.03.2022	03.03.2024				
							RSG455WC	21.02			04.03.2022	03.03.2024				
				xLi	Mono PERC Bifacial C-Si with Glass to Glass	RSG435WC (435 Wp)	RSG450WC	20.81	120 (Half Cut Cells)	1500	04.03.2022	03.03.2024				
							RSG445WC	20.58			04.03.2022	03.03.2024				
							RSG440WC	20.35			04.03.2022	03.03.2024				
							RSG435WC	20.1			04.03.2022	03.03.2024				
							RSG430WC	19.86			04.03.2022	03.03.2024				
							RSG425WC	19.65			04.03.2022	03.03.2024				
							RSG420WC	19.42			04.03.2022	03.03.2024				
							RSG415WC	19.18			04.03.2022	03.03.2024				
				xLii	Mono PERC Bifacial C-Si with Glass to Glass	RSG390WC (390 Wp)	RSG410WC	21	108 (Half Cut Cells)	1500	04.03.2022	03.03.2024				
							RSG405WC	20.75			04.03.2022	03.03.2024				
							RSG400WC	20.47			04.03.2022	03.03.2024				
							RSG395WC	20.22			04.03.2022	03.03.2024				
							RSG390WC	19.96			04.03.2022	03.03.2024				
							RSG385WC	19.72			04.03.2022	03.03.2024				
							RSG380WC	19.47			04.03.2022	03.03.2024				
				30	M/s. Lubi Electronics.	Survey No -75, Opp. Essar Petrol Pump, Prantiya, Gandhinagar, Gujarat-382355, India.	133	i	Multi C-Si Modules	LE24P315, (315Wp)	LE24P300		72 (Full Cells)	1500	04.03.2022	03.03.2024
											LE24P310					
											LE24P315					
											LE24P320					
											LE24P325					
								ii	Multi C-Si Modules	LE24P345, (345Wp)	LE24P330		72 (Full Cells)	1500	04.03.2022	03.03.2024
LE24P335																
LE24P340																
LE24P345																
LE24P350																
iii	Multi C-Si Modules	LE18P260, (260Wp)	LE18P250						60 (Full Cells)	1500	04.03.2022	03.03.2024				
			LE18P255													
			LE18P260													
			LE18P265													
			LE18P270													
iv	Multi C-Si Modules	LE18P285, (285Wp)	LE18P275						60 (Full Cells)	1500	04.03.2022	03.03.2024				
			LE18P280													
			LE18P285													
			LE18P290													
			LE12P150													
v	Multi C-Si Modules	LE12P155, (155Wp)	LE12P155						36 (Full Cells)	1000	04.03.2022	03.03.2024				
			LE12P160													
			LE24M380					19.58							04.03.2022	03.03.2024
			LE24M385					19.4							04.03.2022	03.03.2024
			LE24M390					19.65							04.03.2022	03.03.2024

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
				vi	Mono PERC C-Si Modules	LE24M395, (395 Wp)	LE24M395 LE24M400 LE24M405 LE24M410	19.9 20.15 20.4 20.65	72 (Full Cells)	1500	04.03.2022 04.03.2022 04.03.2022 04.03.2022	03.03.2024 03.03.2024 03.03.2024 03.03.2024
31	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.	143	i	Multi C-Si Modules.	KE50P, (50Wp)	KE50P KE165P KE170P		36 (Cut Cells)	600	04.03.2022	03.03.2024
				ii	Multi C-Si Modules.	KE170P, (170Wp)	KE175P KE205P KE210P		36 (Full Cells)	600	04.03.2022	03.03.2024
				iii	Multi C-Si Modules.	KE215P, (215Wp)	KE215P KE220P KE225P		48 (Full Cells)	1500	04.03.2022	03.03.2024
				iv	Multi C-Si Modules.	KE245P, (245Wp)	KE235P KE240P KE245P KE250P KE255P		54 (Full Cells)	1500	04.03.2022	03.03.2024
				v	Multi C-Si Modules.	KE290P, (290Wp)	KE280P KE285P KE290P KE295P KE300P		60 (Full Cells)	1500	04.03.2022	03.03.2024
				vi	Multi C-Si Modules.	KE325P, (325Wp)	KE315P KE320P KE325P KE330P		72 (Full Cells)	1500	04.03.2022	03.03.2024
				vii	Multi C-Si Modules.	KE325PX, (325Wp)	KE315PX KE320PX KE325PX KE330PX		144 (Half-Cut Cells)	1500	04.03.2022	03.03.2024
				viii	Mono C-Si PERC Modules.	KE95M, (95Wp)	KE95M		36 (Cut Cells)	600	04.03.2022	03.03.2024
				ix	Mono C-Si PERC Modules.	KE180, (180Wp)	KE180		36(Full Cells)	600	04.03.2022	03.03.2024
				x	Mono C-Si PERC Modules.	KE245M, (245Wp)	KE235M KE240M KE245M KE250M KE255M		48 (Full Cells)	1500	04.03.2022	03.03.2024
				xi	Mono C-Si PERC Modules.	KE275M, (275Wp)	KE265M KE270M KE275M KE280M KE285M		54 (Full Cells)	1500	04.03.2022	03.03.2024
				xii	Mono C-Si PERC Modules.	KE320M, (320Wp)	KE305M KE310M KE315M KE320M KE325M		60 (Full Cells)	1500	04.03.2022	03.03.2024
				xiii	Mono C-Si PERC Modules.	KE365M, (365Wp)	KE330M KE335M KE350M KE355M KE360M		72 (Full Cells)	1500	04.03.2022	03.03.2024
				xiv	Mono C-Si PERC Modules.	KE370MX, (370Wp)	KE365M KE370M KE375M KE380M KE360MX KE365MX KE370MX KE375MX KE380MX		144 (Half-Cut Cells)	1500	04.03.2022	03.03.2024

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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				
				xvi	Mono C-Si PERC Modules	KE390M, (390Wp)	KE385M KE390M KE395M	19.42 19.67 19.92	72 (Full Cells)	1500	04.03.2022 04.03.2022 04.03.2022	03.03.2024 03.03.2024 03.03.2024				
32	M/s. Citizen Solar Pvt. Ltd.	New Survey No-966, Village: Indrad, Chhatral Kadi Road, Ta: Kadi, Dist.: Mehsana, Gujarat-382715, India.	70	i	Multi C-Si Modules.	CSPL18P155, (155Wp)	CSPL18P150 CSPL18P155 CSPL18P160		36(Full Cells)	1000	04.03.2022	03.03.2024				
				ii	Multi C-Si Modules	CSPL18P205, (205Wp)	CSPL18P200 CSPL18P205 CSPL18P210		48 (Full Cells)	1000	04.03.2022	03.03.2024				
				iii	Multi C-Si Modules	CSPL18P235, (235Wp)	CSPL18P230 CSPL18P235 CSPL18P240		54 (Full Cells)	1000	04.03.2022	03.03.2024				
				iv	Multi C-Si Modules	CSPL18P260, (260Wp)	CSPL18P250 CSPL18P255 CSPL18P260 CSPL18P265 CSPL18P270		60 (Full Cells)	1000	04.03.2022	03.03.2024				
				v	Multi C-Si Modules	CSPL18P285, (285Wp)	CSPL18P275 CSPL18P280 CSPL18P285 CSPL18P290 CSPL18P295		60 (Full Cells)	1000	04.03.2022	03.03.2024				
				vi	Multi C-Si Modules	CSPL24P315, (315Wp)	CSPL24P300 CSPL24P305 CSPL24P310 CSPL24P315 CSPL24P320 CSPL24P325 CSPL24P330		72 (Full Cells)	1000	04.03.2022	03.03.2024				
				vii	Multi C-Si Modules	CSPL24P340, (340Wp)	CSPL24P335 CSPL24P340 CSPL24P345		72 (Full Cells)	1000	04.03.2022	03.03.2024				
				viii	Mono PERC C-Si Modules.	CSPL24M390, (390 Wp)	CSPL24M380 CSPL24M385 CSPL24M390 CSPL24M395 CSPL24M400	19.15 19.41 19.66 19.91 20.16	72 (Full Cells)	1000	04.03.2022 04.03.2022 04.03.2022 04.03.2022 04.03.2022	03.03.2024 03.03.2024 03.03.2024 03.03.2024 03.03.2024				
				33	M/s. The Wolt Techniques	16, Satyam Estate-1, Near. Royal Galaxy Complex, Kubadthal Road, TA: Daskroi, Dist: Ahmedabad-382430, Gujarat, India	20	i	Multi C-Si Modules	WT 36P40, (40Wp)	WT 36P40		36 (Cut Cells)	600	05.04.2022	04.04.2024
								ii	Multi C-Si Modules	WT 36P75, (75Wp)	WT 36P75		36 (Cut Cells)	600	05.04.2022	04.04.2024
								iii	Multi C-Si Modules	WT 36P100, (100Wp)	WT 36P100		36 (Cut Cells)	600	05.04.2022	04.04.2024
								iv	Multi C-Si Modules	WT 36P125, (125Wp)	WT 36P125		36 (Cut Cells)	600	05.04.2022	04.04.2024
								v	Multi C-Si Modules	WT 36P160, (160Wp)	WT 36P160		36 (Cut Cells)	600	05.04.2022	04.04.2024
								vi	Multi C-Si Modules	WT 60P265, (265Wp)	WT 60P265		60 (Full Cells)	1500	05.04.2022	04.04.2024
								vii	Multi C-Si Modules	WT 72P330, (330Wp)	WT 72P320 WT 72P330		72 (Full Cells)	1500	05.04.2022	04.04.2024
				34	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	71	i	Multi- C-Si Modules	RSMART1240, (40Wp)	RSMART1240		36 (Cut Cells)	600	05.04.2022	04.04.2024
								ii	Multi- C-Si Modules	RSMART1250, (50Wp)	RSMART1250		36 (Cut Cells)	600	05.04.2022	04.04.2024
								iii	Multi- C-Si Modules	RSMART1275, (75Wp)	RSMART1275		36 (Cut Cells)	600	05.04.2022	04.04.2024
								iv	Multi- C-Si Modules	RSMART12100, (100Wp)	RSMART1295 RSMART12100 RSMART12105		36 (Cut Cells)	600	05.04.2022	04.04.2024
								v	Multi- C-Si Modules	RSMART12145, (145Wp)	RSMART12140 RSMART12145 RSMART12150		36 (Full Cells)	1000	05.04.2022	04.04.2024
								vi	Multi- C-Si Modules	RSMART16210, (210Wp)	RSMART16200 RSMART16210 RSMART16215		48 (Full Cells)	1500	05.04.2022	04.04.2024
								vii	Multi- C-Si Modules	RSMART20250, (250Wp)	RSMART20240 RSMART20245 RSMART20250 RSMART20255		60 (Full Cells)	1500	05.04.2022	04.04.2024

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
				viii	Multi- C-Si Modules	RSMART24300, (300Wp)	RSMART20260		72 (Full Cells)	1500	05.04.2022	04.04.2024
							RSMART24285					
							RSMART24290					
							RSMART24295					
							RSMART24300					
							RSMART24305					
				ix	Multi- C-Si Modules	RSMART24335, (335Wp)	RSMART24310		72 (Full Cells)	1500	05.04.2022	04.04.2024
							RSMART24315					
							RSMART24320					
							RSMART24325					
							RSMART24330					
							RSMART24335					
x	Mono-C-Si PERC Modules	RPLUS18290, (290Wp)	RSMART24340		54 (Full Cells)	1500	05.04.2022	04.04.2024				
			RSMART24345									
			RSMART24350									
			RPLUS18285									
xi	Mono-C-Si PERC Modules	RPLUS20315, (315Wp)	RPLUS18290		60 (Full Cells)	1500	05.04.2022	04.04.2024				
			RPLUS18295									
			RPLUS18300									
			RPLUS20300									
			RPLUS20305									
			RPLUS20310									
xii	Mono-C-Si PERC Modules	RPLUS24365, (365Wp)	RPLUS20315		72 (Full Cells)	1500	05.04.2022	04.04.2024				
			RPLUS20320									
			RPLUS20325									
			RPLUS20330									
			RPLUS24350									
			RPLUS24355									
35	M/s. Nyalkaran Energy LLP	SR No: 69P1, Village Chanchavadarda, Chanchavadarda Road, Morbi-363660, Gujarat, India	50	i	Multi C-Si Modules	NE 160P-36, (160Wp)	NE 155P-36		36 (Full Cells)	1500	05.04.2022	04.04.2024
							NE 160P-36					
				ii	Multi C-Si Modules	NE 170P-36, (170Wp)	NE 165P-36		36 (Full Cells)	1500	05.04.2022	04.04.2024
							NE 170P-36					
				iii	Multi C-Si Modules	NE 220P-48, (220Wp)	NE 210P-48		48 (Full Cells)	1500	05.04.2022	04.04.2024
							NE 215P-48					
							NE 220P-48					
							NE 225P-48					
				iv	Multi C-Si Modules	NE 240P-54, (240Wp)	NE 230P-48		54 (Full Cells)	1500	05.04.2022	04.04.2024
							NE 230P-54					
							NE 235P-54					
							NE 240P-54					
v	Multi C-Si Modules	NE 260P-54, (260Wp)	NE 245P-54		54 (Full Cells)	1500	05.04.2022	04.04.2024				
			NE 250P-54									
vi	Multi C-Si Modules	NE 270P-60, (270Wp)	NE 255P-54		60 (Full Cells)	1500	05.04.2022	04.04.2024				
			NE 260P-54									
			NE 260P-60									
			NE 265P-60									
vii	Multi C-Si Modules	NE 290P-60, (290Wp)	NE 270P-60		60 (Full Cells)	1500	05.04.2022	04.04.2024				
			NE 275P-60									
			NE 280P-60									
			NE 285P-60									
viii	Multi C-Si Modules	NE 300P-66, (300Wp)	NE 290P-60		66 (Full Cells)	1500	05.04.2022	04.04.2024				
			NE 290P-66									
			NE 295P-66									
			NE 300P-66									
			NE 305P-66									
			NE 310P-66									

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
							JP66FP295					
							JP66FP300					
				vi	Multi C-Si Modules	JP66FP305, (305Wp)	JP66FP305		66 (Full Cells)	1500	05.04.2022	04.04.2024
							JP72FP305					
							JP72FP310					
							JP72FP315					
				vii	Multi C-Si Modules	JP72FP320, (320Wp)	JP72FP320		72 (Full Cells)	1500	05.04.2022	04.04.2024
							JP72FP325					
							JP72FP330					
							JP72FP335					
37	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	711	i	Multi C-Si Modules	PE-325, (325Wp)	PE-315		72 (Full Cells)	1500	05.04.2022	04.04.2024
							PE-320					
							PE-325					
							PE-330					
							PE-335					
							PE-340					
				ii	Multi C-Si Modules	PE-330HC, (330Wp)	PE-320HC		144 (Half-Cut Cells)	1500	05.04.2022	04.04.2024
							PE-325HC					
							PE-330HC					
							PE-335HC					
							PE-340HC					
							PE-345HC					
				iii	Mono PERC C-Si Modules	PE-435HM, (435Wp)	PE-415HM		144 (Half-Cut Cells)	1500	05.04.2022	04.04.2024
							PE-420HM					
							PE-425HM					
							PE-430HM					
							PE-435HM					
							PE-440HM					
							PE-445HM					
							PE-450HM					
							PE-455HM					
				iv	Mono PERC C-Si Modules	PE-490HM, (490Wp)	PE-470HM		132 (Half-Cut Cells)	1500	05.04.2022	04.04.2024
							PE-475HM					
							PE-480HM					
							PE-485HM					
							PE-490HM					
							PE-495HM					
				v	Mono PERC C-Si Modules	PE-530HM, (530 Wp)	PE-515HM		144 (Half-Cut Cells)	1500	05.04.2022	04.04.2024
							PE-520HM					
							PE-525HM					
							PE-530HM					
							PE-535HM					
							PE-540HM					
							PE-545HM					
							PE-550HM					
				vi	Mono PERC Bifacial C-Si Modules	PE-530HGB, (530 Wp)	PE-510HGB		144 (Half-Cut Cells)	1500	05.04.2022	04.04.2024
							PE-515HGB					
							PE-520HGB					
							PE-525HGB					
							PE-530HGB					
							PE-535HGB					
							PE-540HGB					
							PE-545HGB					
							PE-550HGB					
				vii	Mono PERC C-Si Modules	PE-565HM, (565 Wp)	PE-555HM		156 (Half-Cut Cells)	1500	05.04.2022	04.04.2024
							PE-560HM					
							PE-565HM					
							PE-570HM					
							PE-575HM					
							PE-580HM					
							PE-585HM					
							PE-590HM					

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
38	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	68	i	Multi C-Si Modules	SSSPL-260, (260 Wp)	SSSPL-252		60 (Full Cells)	1500	05.04.2022	04.04.2024
							SSSPL-260					
							SSSPL-270					
				ii	Multi C-Si Modules	SSSPL-280, (280 Wp)	SSSPL-280		60 (Full Cells)	1500	05.04.2022	04.04.2024
							SSSPL-66-280, (280 Wp)					
				iii	Multi C-Si Modules	SSSPL-66-280, (280 Wp)	SSSPL-66-280		66 (Full Cells)	1500	05.04.2022	04.04.2024
							SSSPL-66-290					
							SSSPL-66-300					
				iv	Multi C-Si Modules	SSSPL-66-300, (300 Wp)	SSSPL-66-300		66 (Full Cells)	1500	05.04.2022	04.04.2024
							SSSPL-66-310					
							SSSPL-302					
				v	Multi C-Si Modules	SSSPL-315, (315 Wp)	SSSPL-310		72 (Full Cells)	1500	05.04.2022	04.04.2024
SSSPL-315												
SSSPL-320												
SSSPL-325												
SSSPL-330												
vi	Multi C-Si Modules	SSSPL-335, (335 Wp)	SSSPL-335		72 (Full Cells)	1500	05.04.2022	04.04.2024				
39	M/s. Novus Green Energy Systems Ltd	SY. No. 920/A, 921/A, Nandigama Revenue Village, Mekaguda, Kothur Post, Nandigama Mandal, Rangareddy-509228, Hyderabad, Telangana, India.	215	i	Multi C-Si Modules	NG-320, (320Wp)	NG-305		72 (Full Cells)	1500	05.04.2022	04.04.2024
							NG-310					
							NG-315					
							NG-320					
							NG-325					
				ii	Multi C-Si Modules	NG-D320, (320Wp)	NG-330		72 (Full Cells)	1500	05.04.2022	04.04.2024
							NG-335					
							NG-D305					
							NG-D310					
							NG-D315					
				iii	Multi C-Si Modules	NG-GG320, (320Wp)	NG-D320		72 (Full Cells)	1500	05.04.2022	04.04.2024
							NG-D325					
							NG-D330					
							NG-GG310					
							NG-GG315					
				iv	Mono C-Si PERC Modules	NG-M380, (380Wp)	NG-GG320		72 (Full Cells)	1500	05.04.2022	04.04.2024
							NG-GG325					
							NG-GG330					
							NG-GG335					
							NG-M365					
							NG-M370					
							NG-M375					
							NG-M380					
				NG-M385								
				v	Multi C-Si Modules	SS-03C, (3Wp)	NG-M390		72 (Full Cells)	1500	05.04.2022	04.04.2024
							NG-M395					
							SS-03C					
							SS-75C					
SS-95C												
ii	Multi C-Si Modules	SS-75C, (7Wp)	SS-100C		36 (Cut Cells)	800	05.04.2022	04.04.2024				
			SS-100C									
iii	Multi C-Si Modules	SS-100C, (100Wp)	SS-140C		36 (Cut Cells)	1000	05.04.2022	04.04.2024				
			SS-170									
iv	Multi C-Si Modules	SS-140C, (140Wp)	SS-170		36 (Full Cells)	1500	05.04.2022	04.04.2024				
			SS-210C									
v	Multi C-Si Modules	SS-170, (170Wp)	SS-210C		72 (Cut Cells)	1500	05.04.2022	04.04.2024				
			SS-215C									
vi	Multi C-Si Modules	SS-210C, (210Wp)	SS-215		48 (Full Cells)	1500	05.04.2022	04.04.2024				
			SS-225									
vii	Multi C-Si Modules	SS-225, (225Wp)	SS-235		54 (Full Cells)	1500	05.04.2022	04.04.2024				
			SS-245									
viii	Multi C-Si Modules	SS-245, (245Wp)	SS-250C		72 (Cut Cells)	1500	05.04.2022	04.04.2024				
			SS-250									
ix	Multi C-Si Modules	SS-250C, (250Wp)	SS-250		60 (Full Cells)	1500	05.04.2022	04.04.2024				
			SS-255									
x	Multi C-Si Modules	SS-260, (265Wp)	SS-260		60 (Full Cells)	1500	05.04.2022	04.04.2024				
			SS-265									
			SS-270									
xi	Multi C-Si Modules	SS-275, (275Wp)	SS-275		60 (Full Cells)	1500	05.04.2022	04.04.2024				
			SS-280									
xii	Multi C-Si Modules	SS-280C, (280Wp)	SS-280C		72 (Cut Cells)	1500	05.04.2022	03.03.2024				

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
				xiii	Multi C-Si Modules.	SS-290, (290Wp)	SS-285		66 (Full Cells)	1500	05.04.2022	04.04.2024
							SS-290					
							SS-295					
				xiv	Multi C-Si Modules.	SS-320, (320Wp)	SS-300		72 (Full Cells)	1500	05.04.2022	04.04.2024
							SS-305					
							SS-310					
							SS-315					
							SS-320					
							SS-325					
				xv	Multi C-Si Modules.	SS-325H, (325Wp)	SS-330		144 (Half-Cut Cells)	1500	05.04.2022	04.04.2024
							SS-335					
							SS-315H					
							SS-320H					
							SS-325H					
							SS-330H					
41	M/s. Tata Power Solar Systems Ltd	Plot No. 24-B, Industrial Shed, SYY No 123, Jigani 1st Phase, Industrial Area, Jigani, Anekal Taluk, Hobli, Bengaluru, Rural Karnataka-560105, India	88	i	Multi C-Si Modules	TP330LBZ(H) (330 Wp)	TP315LBZ(H)		72 (Full Cells)	1500	05.04.2022	04.04.2024
							TP320LBZ(H)					
							TP325LBZ(H)					
							TP330LBZ(H)					
							TP335LBZ(H)					
							TP340LBZ(H)					
				TP345LBZ(H)								
				ii	Mono C-Si PERC Modules	TP390SG10 (390 Wp)	TP375SG10		108 (Half Cut Cells)	1500	05.04.2022	03.03.2024
							TP380SG10				05.04.2022	03.03.2024
							TP385SG10				05.04.2022	03.03.2024
							TP390SG10				05.04.2022	03.03.2024
							TP395SG10				05.04.2022	03.03.2024
							TP400SG10				05.04.2022	03.03.2024
				iii	Mono C-Si PERC Modules	TP435MG10 (435 Wp)	TP405SG10		120 (Half Cut Cells)	1500	05.04.2022	03.03.2024
							TP415MG10				05.04.2022	03.03.2024
TP420MG10	05.04.2022	03.03.2024										
TP425MG10	05.04.2022	03.03.2024										
TP430MG10	05.04.2022	03.03.2024										
TP435MG10	05.04.2022	03.03.2024										
iv	Mono C-Si PERC Modules	TP480VG10 (480 Wp)	TP440MG10		132 (Half Cut Cells)	1500	05.04.2022	03.03.2024				
			TP445MG10				05.04.2022	03.03.2024				
			TP450MG10				05.04.2022	03.03.2024				
			TP455MG10				05.04.2022	03.03.2024				
			TP460VG10				05.04.2022	03.03.2024				
			TP465VG10				05.04.2022	03.03.2024				
v	Mono C-Si PERC Modules	TP520HG10 (520 Wp)	TP470VG10		144 (Half Cut Cells)	1500	05.04.2022	03.03.2024				
			TP475VG10				05.04.2022	03.03.2024				
			TP480VG10				05.04.2022	03.03.2024				
			TP485VG10				05.04.2022	03.03.2024				
			TP490VG10				05.04.2022	03.03.2024				
			TP495VG10				05.04.2022	03.03.2024				
							TP500VG10					
							TP495HG10					
							TP500HG10					
							TP505HG10					
							TP510HG10					
							TP515HG10					
							TP520HG10					
							TP525HG10					
							TP530HG10					
TP535HG10												
TP540HG10												
TP545HG10												

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
42	M/s. Integrated Batteries India Pvt. Ltd	D 127, Sector 63, NOIDA, Uttar Pradesh, India-201301	35	i	Multi- C-Si Modules.	IB361240, (40Wp)	IB361240		36 (Cut Cells)	1000	05.04.2022	04.04.2024
				ii	Multi- C-Si Modules.	IB361250, (50Wp)	IB361250		36 (Cut Cells)	1000	05.04.2022	04.04.2024
				iii	Multi- C-Si Modules.	IB361260, (60Wp)	IB361260		36 (Cut Cells)	1000	05.04.2022	04.04.2024
				iv	Multi- C-Si Modules.	IB361275, (75Wp)	IB361275		36 (Cut Cells)	1000	05.04.2022	04.04.2024
				v	Multi- C-Si Modules.	IB3612100, (100Wp)	IB3612100		36 (Cut Cells)	1000	05.04.2022	04.04.2024
				vi	Multi- C-Si Modules.	IB3612125, (125Wp)	IB3612120 IB3612125		36 (Cut Cells)	1000	05.04.2022	04.04.2024
				vii	Multi- C-Si Modules.	IB3612150, (150Wp)	IB3612150		36 (Cut Cells)	1000	05.04.2022	04.04.2024
				viii	Multi- C-Si Modules.	IB3612165, (165Wp)	IB3612160		36 (Full Cells)	1000	05.04.2022	04.04.2024
							IB3612165					
							IB3612170					
				ix	Multi- C-Si Modules.	IB7224210, (210Wp)	IB7224200		72 (Cut Cells)	1000	05.04.2022	04.04.2024
							IB7224205					
IB7224210												
IB7224215												
x	Multi- C-Si Modules.	IB7224260, (260Wp)	IB7224220		72 (Cut Cells)	1000	05.04.2022	04.04.2024				
			IB7224250									
			IB7224255									
			IB7224260									
xi	Multi- C-Si Modules.	IB6024270, (270Wp)	IB7224265		60 (Full Cells)	1000	05.04.2022	04.04.2024				
			IB7224270									
			IB6024260									
			IB6024265									
xii	Multi- C-Si Modules.	IB7224325, (325Wp)	IB6024270		72 (Full Cells)	1000	05.04.2022	04.04.2024				
			IB6024275									
			IB6024280									
			IB7224310									
			IB7224315									
			IB7224320									
43	M/s. Bluebird Solar Pvt. Ltd	Plot No: 5, Ecotech-II, Udyog Vihar, Khasra No. 739, Greater Noida-201306, Uttar Pradesh, India	21	i	Multi C-Si Modules	BBS12C40, (40Wp)	BBS12C40		36 (Cut Cells)	600	05.04.2022	04.04.2024
				ii	Multi C-Si Modules	BBS12C50, (50Wp)	BBS12C50		36 (Cut Cells)	600	05.04.2022	04.04.2024
				iii	Multi C-Si Modules	BBS12C75, (75Wp)	BBS12C75		36 (Cut Cells)	600	05.04.2022	04.04.2024
				iv	Multi C-Si Modules	BBS12C105, (105Wp)	BBS12C100 BBS12C105 BBS12C110		36 (Cut Cells)	600	05.04.2022	04.04.2024
				v	Multi C-Si Modules	BBS12F155, (155Wp)	BBS12F150		36 (Full Cells)	600	05.04.2022	04.04.2024
							BBS12F155					
							BBS12F160					
				vi	Multi C-Si Modules	BBS12F170, (170Wp)	BBS12F165		36 (Full Cells)	600	05.04.2022	04.04.2024
							BBS12F170					
							BBS12F175					
				vii	Multi C-Si Modules	BBS24F210, (210Wp)	BBS24F200		48 (Full Cells)	1000	05.04.2022	04.04.2024
							BBS24F205					
BBS24F210												
BBS24F215												
viii	Multi C-Si Modules	BBS24F245, (245Wp)	BBS24F220		54 (Full Cells)	1000	05.04.2022	04.04.2024				
			BBS24F235									
			BBS24F240									
			BBS24F245									
			BBS24F250									
ix	Multi C-Si Modules	BBS24F275, (275Wp)	BBS24F255		60 (Full Cells)	1000	05.04.2022	04.04.2024				
			BBS24F265									
			BBS24F270									
			BBS24F275									
			BBS24F280									
			BBS24F285									
			BBS24F290									
			BBS24F295									

BBS24F300

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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			
				x	Multi C-Si Modules	BBS24F300, (300Wp)	BBS24F300		66 (Full Cells)	1500	05.04.2022	04.04.2024			
							BBS24F305								
							BBS24F310								
				xi	Multi C-Si Modules	BBS24F330, (330Wp)				BBS24F315		72 (Full Cells)	1500	05.04.2022	04.04.2024
										BBS24F320					
										BBS24F325					
										BBS24F330					
										BBS24F335					
				xii	Mono C-Si PERC Modules	BBS12MF180, (180 Wp)				BBS24F340		36 (Full Cells)	600	05.04.2022	04.04.2024
										BBS12MF175					
										BBS12MF180					
				xiii	Mono C-Si PERC Modules	BBS12MF190, (190Wp)				BBS12MF185		36 (Full Cells)	600	05.04.2022	04.04.2024
										BBS12MF190					
				xiv	Mono C-Si PERC Modules	BBS24MF375, (375Wp)				BBS12MF195		72 (Full Cells)	1500	05.04.2022	04.04.2024
										BBS24MF355					
			BBS24MF360												
			BBS24MF365												
			BBS24MF370												
xv	Mono C-Si PERC Modules.	BBS24MF400, (400Wp)				BBS24MF375		72 (Full Cells)	1500	05.04.2022	04.04.2024				
						BBS24MF380									
						BBS24MF385									
						BBS24MF390									
						BBS24MF395									
44	M/s. Shanti Solar	EMC Oark, Info Valley-2, S-4-EI-20/A, Harekrushnapur, Jatani, Bhubaneshwar, Khordha, Odisha-752054, India	20	i	Multi- C-Si Modules	SS155P, (155Wp)	SS150P		36 Full Cell	1000	05.04.2022	04.04.2024			
							SS155P								
							SS160P								
				ii	Multi- C-Si Modules	SS165P, (165Wp)	SS165P		36 Full Cell	1000	05.04.2022	04.04.2024			
				iii	Multi- C-Si Modules	SS210P, (210Wp)				SS200P		48 Full Cell	1500	05.04.2022	04.04.2024
										SS205P					
										SS210P					
										SS215P					
										SS220P					
				iv	Multi- C-Si Modules	SS235P, (235Wp)				SS225P		54 Full Cell	1500	05.04.2022	04.04.2024
										SS230P					
			SS235P												
			SS240P												
			SS245P												
v	Multi- C-Si Modules	SS260P, (260Wp)				SS250P		60 Full Cell	1500	05.04.2022	04.04.2024				
						SS255P									
						SS260P									
						SS265P									
vi	Multi- C-Si Modules	SS275P, (275Wp)	SS270P		60 Full Cell	1500	05.04.2022	04.04.2024							
vii	Multi- C-Si Modules	SS315P, (315Wp)				SS275P		72 Full Cell	1500	05.04.2022	04.04.2024				
						SS300P									
						SS305P									
						SS310P									
						SS315P									
viii	Multi- C-Si Modules	SS340P, (340Wp)				SS320P		72 Full Cell	1500	05.04.2022	04.04.2024				
						SS325P									
						SS330P									
						SS335P									
ix	Multi- C-Si Modules	SS250PC, (250Wp)				SS340P		72 Full Cell	1500	05.04.2022	04.04.2024				
						SS345P									
						SS350P									
x	Multi- C-Si Modules	SS105P, (105Wp)	SS250PC		72 Cut Cell	1000	05.04.2022	04.04.2024							
xi	Multi- C-Si Modules	SS120P, (120Wp)				SS100P		36 Cut Cell	600	05.04.2022	04.04.2024				
						SS105P									
						SS110P									

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
				xii	Multi- C-Si Modules	SS135P, (135Wp)	SS125P SS130P SS135P		36 Cut Cell	600	05.04.2022	04.04.2024
				xiii	Multi- C-Si Modules	SS25P, (25Wp)	SS25P		36 Cut Cell	600	05.04.2022	04.04.2024
				xiv	Multi- C-Si Modules	SS30P, (30Wp)	SS30P		36 Cut Cell	600	05.04.2022	04.04.2024
				xv	Multi- C-Si Modules	SS37P, (37Wp)	SS37P		36 Cut Cell	600	05.04.2022	04.04.2024
				xvi	Multi- C-Si Modules	SS40P, (40Wp)	SS40P		36 Cut Cell	600	05.04.2022	04.04.2024
				xvii	Multi- C-Si Modules	SS45P, (45Wp)	SS45P		36 Cut Cell	600	05.04.2022	04.04.2024
				xviii	Multi- C-Si Modules	SS50P, (50Wp)	SS50P		36 Cut Cell	600	05.04.2022	04.04.2024
				xix	Multi- C-Si Modules	SS55P, (55Wp)	SS55P		36 Cut Cell	600	05.04.2022	04.04.2024
				xx	Multi- C-Si Modules	SS60P, (60Wp)	SS60P		36 Cut Cell	600	05.04.2022	04.04.2024
				xxi	Multi- C-Si Modules	SS65P, (65Wp)	SS65P		36 Cut Cell	600	05.04.2022	04.04.2024
				xxii	Multi- C-Si Modules	SS70P, (70Wp)	SS70P		36 Cut Cell	600	05.04.2022	04.04.2024
				xxiii	Multi- C-Si Modules	SS75P, (75Wp)	SS75P		36 Cut Cell	600	05.04.2022	04.04.2024
				xxiv	Multi- C-Si Modules	SS80P, (80Wp)	SS80P		36 Cut Cell	600	05.04.2022	04.04.2024
				xxv	Multi- C-Si Modules	SS85P, (85Wp)	SS85P		36 Cut Cell	600	05.04.2022	04.04.2024
				xxvi	Multi- C-Si Modules	SS90P, (90Wp)	SS90P		36 Cut Cell	600	05.04.2022	04.04.2024
				xxvii	Multi- C-Si Modules	SS95P, (95Wp)	SS95P		36 Cut Cell	600	05.04.2022	04.04.2024
45	M/s. Rajasthan Electronics and Instruments Limited (REIL)	2, Kanakpura Industrial Area, Sirsi Road, Jaipur-302040	23	i	Multi C-Si Modules	320W72, (320Wp)	310W72 320W72 330W72 335W72		72 (Full Cells)	1000	18.08.2022	17.08.2024
46	M/s. Neety Euro Asia Solar Energy	E-153, GIDC Electronics Estate, Sector-26, Gandhinagar, Gujarat - 382028, India	28	i	Multi C-Si Modules	N270P60, (270Wp)	N260P60		60 (Full Cells)	1500	18.08.2022	17.08.2024
							N265P60					
							N270P60					
							N275P60					
				ii	Multi C-Si Modules	N325P72, (325Wp)	N280P60		72 (Full Cells)	1500	18.08.2022	17.08.2024
							N310P72					
							N315P72					
							N320P72					
				iii	Multi C-Si Modules	N330P144, (330Wp)	N325P72		144 (Half Cut Cells)	1500	18.08.2022	17.08.2024
							N330P72					
							N335P72					
							N340P72					
				iv	Mono C-Si PERC Modules	N400M144, (400Wp)	N320P144		144 (Half Cut Cells)	1500	18.08.2022	17.08.2024
							N325P144					
							N330P144					
							N335P144					
N340P144												
N380M144												
N385M144												
N390M144												
N395M144												
47	M/s. Shivam Photovoltaics Private Limited	101 New Ahmedabad Industrial Estate, Near Zydus Research Center, Village Moraiya, Taluka Sanand, District Ahmedabad, Gujarat-382213	30	i	Multi C-Si Modules	SPL72FP315Wp, (315 Wp)	SPL72FP300Wp		72 Full Cell	1500	18.08.2022	17.08.2024
							SPL72FP305Wp					
							SPL72FP310Wp					
							SPL72FP315Wp					
				ii	Multi C-Si Modules	SPL60FP260Wp, (260 Wp)	SPL72FP320Wp		60 Full Cell	1500	18.08.2022	17.08.2024
							SPL72FP325Wp					
							SPL72FP330Wp					
							SPL60FP250Wp					
48	M/s. Sahaj Solar Private Ltd	Plot No. D4, Survey No. 742,745, Gallops Industrial Park, Village Rajoda,	100				SPL60FP255Wp					
							SPL60FP260Wp					
							SPL60FP265Wp					
							SPL60FP270Wp					
							SS-255					
							SS-260					

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
		Sarkhej – Bavla Road, NH 8B, Ahmedabad, Gujarat – 382220, India		i	Multi C-Si Modules	SS-265, (265Wp)	SS-265		60 (Full Cells)	1500	18.08.2022	17.08.2024
							SS-270					
							SS-275					
				ii	Multi C-Si Modules	SS-295, (295Wp)	SS-280		66 (Full Cells)	1500	18.08.2022	17.08.2024
							SS-285					
							SS-290					
							SS-295					
							SS-300					
							SS-305					
				iii	Multi C-Si Modules	SS-330, (330Wp)	SS-310		72 (Full Cells)	1500	18.08.2022	17.08.2024
							SS-315					
							SS-320					
49	M/s. Raajratna Ventures Limited	Survey No. 69/2, Ahmedabad-Mehsana Highway, Opp Madhu Mill, Village Chandarda, Tal Kadi, Dist. Mehsana, Gujarat - 382715, India	96	i	Multi C-Si Modules	R260P, (260Wp)	R250P		60 (Full Cells)	1500	18.08.2022	17.08.2024
							R255P					
							R260P					
				ii	Multi C-Si Modules	R260P(72C), (260Wp)	R265P		72 (Cut Cell)	1500	18.08.2022	17.08.2024
							R270P					
							R250P(72C)					
				iii	Multi C-Si Modules	R300P, (300Wp)	R260P(72C)		72 (Full Cells)	1500	18.08.2022	17.08.2024
							R270P(72C)					
							R300P					
				iv	Multi C-Si Modules	R320P, (320Wp)	R305P		72 (Full Cells)	1500	18.08.2022	17.08.2024
							R310P					
							R315P					
R320P												
R325P												
R330P												
v	Mono PERC C-Si Modules	R435M, (435Wp)	R335P		144 (Half Cut Cells)	1500	18.08.2022	17.08.2024				
			R420M	19.27								
			R425M	19.5								
			R430M	19.73								
			R435M	19.96								
			R440M	20.18								
vi	Mono PERC C-Si Modules	R530M, (530Wp)	R445M	20.41	144 (Half Cut Cells)	1500	18.08.2022	17.08.2024				
			R450M	20.64								
			R510M	19.73								
			R515M	19.93								
			R520M	20.12								
			R525M	20.31								
			R530M	20.51								
			R535M	20.7								
			R540M	20.89								
			R545M	21.09								
			R550M	21.28								
			50	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	2036		
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											

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
				i	Monofacial C-Si PERC Modules	ASM-M10-144-520, (520Wp)	ASM-M10-144-510 ASM-M10-144-511 ASM-M10-144-512 ASM-M10-144-513 ASM-M10-144-514 ASM-M10-144-515 ASM-M10-144-516 ASM-M10-144-517 ASM-M10-144-518 ASM-M10-144-519 ASM-M10-144-520 ASM-M10-144-521 ASM-M10-144-522 ASM-M10-144-523 ASM-M10-144-524 ASM-M10-144-525 ASM-M10-144-526 ASM-M10-144-527 ASM-M10-144-528 ASM-M10-144-529 ASM-M10-144-530 ASM-M10-144-531 ASM-M10-144-532 ASM-M10-144-533 ASM-M10-144-534 ASM-M10-144-535 ASM-M10-144-536 ASM-M10-144-537 ASM-M10-144-538 ASM-M10-144-539 ASM-M10-144-540	19.86 19.9 19.94 19.98 20.02 20.06 20.1 20.14 20.18 20.22 20.25 20.29 20.33 20.37 20.41 20.45 20.49 20.53 20.57 20.6 20.64 20.68 20.72 20.76 20.8 20.84 20.88 20.92 20.96 20.99 21.03	144 (Half Cut Cells)	1500	18.08.2022	17.08.2024
				ii	Bifacial C-Si PERC Modules	ASB-M10-144-520, (520Wp)	ASB-M10-144-500 ASB-M10-144-501 ASB-M10-144-502 ASB-M10-144-503 ASB-M10-144-504 ASB-M10-144-505 ASB-M10-144-506 ASB-M10-144-507 ASB-M10-144-508 ASB-M10-144-509 ASB-M10-144-510 ASB-M10-144-511 ASB-M10-144-512 ASB-M10-144-513 ASB-M10-144-514 ASB-M10-144-515 ASB-M10-144-516 ASB-M10-144-517 ASB-M10-144-518 ASB-M10-144-519 ASB-M10-144-520 ASB-M10-144-521 ASB-M10-144-522 ASB-M10-144-523 ASB-M10-144-524 ASB-M10-144-525 ASB-M10-144-526 ASB-M10-144-527 ASB-M10-144-528 ASB-M10-144-529	19.48 19.51 19.55 19.59 19.63 19.67 19.71 19.75 19.79 19.83 19.86 19.9 19.94 19.98 20.02 20.06 20.1 20.14 20.18 20.22 20.25 20.29 20.33 20.37 20.41 20.45 20.49 20.53 20.57 20.6	144 (Half Cut Cells)	1500	18.08.2022	17.08.2024

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
							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				
51	M/s. Renewsys India Pvt. Ltd	Plot No. E141, Additional Industrial Area, MIDC, Patalganga, Tal. Panvel, Karade Khurd, Raigad-410202 Maharashtra	565	i	Monofacial C-Si PERC Modules	DESERV SGALACTIC-560 (560Wp)	DESERV SGALACTIC-555		156 (Half Cut Cells)	1500	18.08.2022	17.08.2024
							DESERV SGALACTIC-560					
							DESERV SGALACTIC-565					
							DESERV SGALACTIC-570					
							DESERV SGALACTIC-575					
							DESERV SGALACTIC-580					
				ii	Monofacial C-Si PERC Modules	DESERV SGALACTIC-515 (515Wp)	DESERV SGALACTIC-490		144 (Half Cut Cells)	1500	18.08.2022	17.08.2024
							DESERV SGALACTIC-495					
							DESERV SGALACTIC-500					
							DESERV SGALACTIC-505					
							DESERV SGALACTIC-510					
							DESERV SGALACTIC-515					
				iii	Monofacial C-Si PERC Modules	DESERV SGALACTIC-425 (425Wp)	DESERV SGALACTIC-520		120 (Half Cut Cells)	1500	18.08.2022	17.08.2024
							DESERV SGALACTIC-525					
							DESERV SGALACTIC-530					
							DESERV SGALACTIC-535					
							DESERV SGALACTIC-405					
							DESERV SGALACTIC-410					
				iv	Bifacial C-Si PERC Modules	DESERV EXTREME-560 (560Wp)	DESERV SGALACTIC-415		156 (Half Cut Cells)	1500	18.08.2022	17.08.2024
							DESERV SGALACTIC-420					
							DESERV SGALACTIC-425					
							DESERV SGALACTIC-430					
							DESERV SGALACTIC-435					
							DESERV SGALACTIC-440					
v	Bifacial C-Si PERC Modules	DESERV EXTREME-515 (515Wp)	DESERV EXTREME-445		144 (Half Cut Cells)	1500	18.08.2022	17.08.2024				
			DESERV EXTREME-555									
			DESERV EXTREME-560									
			DESERV EXTREME-565									
			DESERV EXTREME-570									
			DESERV EXTREME-575									
vi	Bifacial C-Si PERC Modules	DESERV EXTREME-425 (425Wp)	DESERV EXTREME-580		120 (Half Cut Cells)	1500	18.08.2022	17.08.2024				
			DESERV EXTREME-490									
			DESERV EXTREME-495									
			DESERV EXTREME-500									
			DESERV EXTREME-505									
			DESERV EXTREME-510									
			DESERV EXTREME-515									
			DESERV EXTREME-520									
			DESERV EXTREME-525									
			DESERV EXTREME-530									
			DESERV EXTREME-535									
			DESERV EXTREME-405									
			DESERV EXTREME-410									
			DESERV EXTREME-415									
			DESERV EXTREME-420									
			DESERV EXTREME-425									
			DESERV EXTREME-430									
			DESERV EXTREME-435									
			DESERV EXTREME-440									
			DESERV EXTREME-445									

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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	
				vii	Mono PERC C-Si Module	DESERV SGALACTIC-590 (590 Wp)	DESERV SGALACTIC-585		156 (Half Cut Cells)	1500	18.08.2022	17.08.2024	
							DESERV SGALACTIC-590				18.08.2022	17.08.2024	
				viii	Mono PERC C-Si Module	DESERV SGALACTIC-545 (545 Wp)	DESERV SGALACTIC-540		144 (Half Cut Cells)	1500	18.08.2022	17.08.2024	
							DESERV SGALACTIC-545				18.08.2022	17.08.2024	
				ix	Mono PERC C-Si Module	DESERV SGALACTIC-455 (455Wp)	DESERV SGALACTIC-450		120 (Half Cut Cells)	1500	18.08.2022	17.08.2024	
							DESERV SGALACTIC-455				18.08.2022	17.08.2024	
				x	Mono PERC Bifacial C-Si Module	DESERV EXTREME-590 (590 Wp)	DESERV EXTREME-585		156 (Half Cut Cells)	1500	18.08.2022	17.08.2024	
							DESERV EXTREME-590				18.08.2022	17.08.2024	
				xi	Mono PERC Bifacial C-Si Module	DESERV EXTREME-545 (545 Wp)	DESERV EXTREME-540		144 (Half Cut Cells)	1500	18.08.2022	17.08.2024	
							DESERV EXTREME-545				18.08.2022	17.08.2024	
				xii	Mono PERC Bifacial C-Si Module	DESERV EXTREME-455 (455 Wp)	DESERV EXTREME-450		120 (Half Cut Cells)	1500	18.08.2022	17.08.2024	
							DESERV EXTREME-455				18.08.2022	17.08.2024	
52	M/s. Waaree Energies Limited	Survey No. 1934, 1939, 1941, 1942, NH-48, Degam, Chikhali, Navasari, Gujarat - 396530, India	2650	i	Mono C-Si PERC Modules	WSMD-540, (540Wp)	WSMD-520		144 (Half-Cut Cells)	1500	18.08.2022	17.08.2024	
							WSMD-525						
							WSMD-530						
							WSMD-535						
				ii	Mono C-Si PERC Modules	WSMD-600, (600Wp)	WSMD-540		120 (Half-Cut Cells)	1500	WSMD-580	18.08.2022	17.08.2024
							WSMD-585						
							WSMD-590						
							WSMD-595						
				iii	Mono C-Si PERC Modules	WSMD-650, (650Wp)	WSMD-600		132 (Half-Cut Cells)	1500	WSMD-605	18.08.2022	17.08.2024
							WSMD-630						
							WSMD-635						
							WSMD-640						
				iv	Mono C-Si PERC Bifacial Modules	Bi-55-540, (540Wp)	WSMD-645		144 (Half-Cut Cells)	1500	WSMD-650	18.08.2022	17.08.2024
							Bi-55-520						
							Bi-55-525						
							Bi-55-530						
				v	Mono C-Si PERC Bifacial Modules	Bi-66-600, (600Wp)	Bi-55-535		120 (Half-Cut Cells)	1500	Bi-55-540	18.08.2022	17.08.2024
							Bi-66-580						
							Bi-66-585						
							Bi-66-590						
				vi	Mono C-Si PERC Bifacial Modules	Bi-68-650, (650Wp)	Bi-66-595		132 (Half-Cut Cells)	1500	Bi-66-600	18.08.2022	17.08.2024
							Bi-68-630						
							Bi-68-635						
							Bi-68-640						
			Bi-68-645				Bi-68-650						
53	M/s ITI Limited	ITI Limited, Naini, Mirzapur Road, Naini, Allahabad, Uttar Pradesh-211010, India	30	i	Multi C-Si Modules	ITI320PF72, (320Wp)	ITI305PF72		72 (Full Cells)	1500	27.09.2022	26.09.2024	
							ITI320PF72				27.09.2022	26.09.2024	
							ITI325PF72				27.09.2022	26.09.2024	
				ii	Multi C-Si Modules	ITI205PF48, (205Wp)	ITI155PF36		48 (Full Cell)	1500	27.09.2022	26.09.2024	
							ITI155PF36				27.09.2022	26.09.2024	
				iii	Multi C-Si Modules	ITI125PC36, (125Wp)	ITI120PC36		36 (Full Cell)	1500	27.09.2022	26.09.2024	
							ITI125PC36				27.09.2022	26.09.2024	
				iv	Multi C-Si Modules	ITI100PC36, (100Wp)	ITI100PC36		36 (Cut Cell)	1000	27.09.2022	26.09.2024	
							ITI125PC36				27.09.2022	26.09.2024	
				v	Multi C-Si Modules	ITI080PC36, (80Wp)	ITI080PC36		37 (Cut Cell)	1000	27.09.2022	26.09.2024	
ITI080PC36	27.09.2022	26.09.2024											
vi	Multi C-Si Modules	ITI075PC36, (75Wp)	ITI075PC36		36 (Cut Cell)	1000	27.09.2022	26.09.2024					
			ITI075PC36				27.09.2022	26.09.2024					
vii	Multi C-Si Modules	ITI060PC36, (60Wp)	ITI060PC36		36 (Cut Cell)	1000	27.09.2022	26.09.2024					
			ITI060PC36				27.09.2022	26.09.2024					
viii	Multi C-Si Modules	ITI050PC36, (50Wp)	ITI050PC36		36 (Cut Cell)	1000	27.09.2022	26.09.2024					
			ITI050PC36				27.09.2022	26.09.2024					
ix	Multi C-Si Modules	ITI040PC36, (40Wp)	ITI040PC36		36 (Cut Cell)	1000	27.09.2022	26.09.2024					
			ITI040PC36				27.09.2022	26.09.2024					
54	M/s. Goldi Sun Private Limited	City Survey No. 920, Vijalpore Road, TA, Distt. Navsari, Gujarat - 396445, India	1037	i	Mono C-Si PERC Modules	GS10-M144-WF-540, (540Wp)	GS10-M144-WF-540		144 (Half-Cut Cells)	1500	27.09.2022	26.09.2024	
							GS10-B144-TF-525				27.09.2022	26.09.2024	
				ii	Mono C-Si PERC Bifacial Modules	GS10-B144-TF-535, (535Wp)	GS10-B144-TF-530		144 (Half-Cut Cells)	1500	27.09.2022	26.09.2024	
							GS10-B144-TF-535				27.09.2022	26.09.2024	

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
				iii	Mono C-Si PERC Modules	GS10-B144-WF-530, (530Wp)	GS10-B144-TF-540 GS10-B144-WF-525 GS10-B144-WF-530 GS10-B144-WF-535		144 (Half-Cut Cells)	1500	27.09.2022	26.09.2024
				iv	Mono C-Si PERC Bifacial Modules	GS10-B144-GF-535, (535Wp)	GS10-B144-GF-525 GS10-B144-GF-530 GS10-B144-GF-535 GS10-B144-GF-540		144 (Half-Cut Cells)	1500	27.09.2022	26.09.2024
55	M/s. SunField Energy Private Ltd	B-3, IDA Kukatpally, Gandhinagar, Medchal- Malkajgiri, Telengana - 500037, India	29	i	Multi- C-Si Modules	SEPL24335, (335Wp)	SEPL24335 SEPL24330 SEPL24325 SEPL24320		72 Full Cells	1500	27.09.2022	26.09.2024
				ii	Multi- C-Si Modules	SEPL24315, (315Wp)	SEPL24315 SEPL24310 SEPL24305 SEPL24302		72 Full Cells	1500	27.09.2022	26.09.2024
				iii	Multi- C-Si Modules	SEPL20270F, (270Wp)	SEPL20280F SEPL20275F SEPL20270F SEPL20265F SEPL20260F		60 Full Cells	1500	27.09.2022	26.09.2024
				iv	Multi- C-Si Modules	SEPL20250F, (250Wp)	SEPL20255F SEPL20250F SEPL20245F SEPL20240F		60 Full Cells	1500	27.09.2022	26.09.2024
				v	Multi- C-Si Modules	SEPL18245F, (245Wp)	SEPL18255F SEPL18250F SEPL18245F SEPL18240F SEPL18235F SEPL18230F		54 Full Cells	1000	27.09.2022	26.09.2024
				vi	Multi- C-Si Modules	SEPL18225F, (225p)	SEPL18225F SEPL18220F SEPL18215F		54 Full Cells	1000	27.09.2022	26.09.2024
				vii	Multi- C-Si Modules	SEPL12165F, (165Wp)	SEPL12170F SEPL12165F SEPL12160F		36 Full Cells	1000	27.09.2022	26.09.2024
				viii	Multi- C-Si Modules	SEPL12150F, (150Wp)	SEPL12155F SEPL12150F SEPL12145F		36 Full Cells	1000	27.09.2022	26.09.2024
				ix	Multi- C-Si Modules	SEPL24290, (290Wp)	SEPL24300 SEPL24295 SEPL24290 SEPL24285 SEPL24280		72 Cut Cells	1000	27.09.2022	26.09.2024
				x	Multi- C-Si Modules	SEPL24265, (265Wp)	SEPL24275 SEPL24270 SEPL24265 SEPL24260 SEPL24255		72 Cut Cells	1000	27.09.2022	26.09.2024
				xi	Multi- C-Si Modules	SEPL24240, (240Wp)	SEPL24250 SEPL24245 SEPL24240 SEPL24235 SEPL24230		72 Cut Cells	1000	27.09.2022	26.09.2024
				xii	Multi- C-Si Modules	SEPL24215, (215Wp)	SEPL24225 SEPL24220 SEPL24215 SEPL24210 SEPL24205		72 Cut Cells	1000	27.09.2022	26.09.2024
				xiii	Multi- C-Si Modules	SEPL24195, (195Wp)	SEPL24200 SEPL24195		72 Cut Cells	1000	27.09.2022	26.09.2024

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
							SEPL24190				27.09.2022	26.09.2024
				xiv	Multi- C-Si Modules	SEPL24180, (180Wp)	SEPL24185		72 Cut Cells	1000	27.09.2022	26.09.2024
							SEPL24180				27.09.2022	26.09.2024
							SEPL24175				27.09.2022	26.09.2024
				xv	Multi- C-Si Modules	SEPL24165, (165Wp)	SEPL24170		72 Cut Cells	1000	27.09.2022	26.09.2024
							SEPL24165				27.09.2022	26.09.2024
							SEPL24160				27.09.2022	26.09.2024
				xvi	Multi- C-Si Modules	SEPL24150, (150Wp)	SEPL24155		72 Cut Cells	1000	27.09.2022	26.09.2024
							SEPL24150				27.09.2022	26.09.2024
							SEPL20250				27.09.2022	26.09.2024
							SEPL20245				27.09.2022	26.09.2024
				xvii	Multi- C-Si Modules	SEPL20240, (240Wp)	SEPL20240		60 Cut Cells	1000	27.09.2022	26.09.2024
							SEPL20235				27.09.2022	26.09.2024
							SEPL20230				27.09.2022	26.09.2024
							SEPL20225				27.09.2022	26.09.2024
							SEPL20220				27.09.2022	26.09.2024
				xviii	Multi- C-Si Modules	SEPL20215, (215Wp)	SEPL20215		60 Cut Cells	1000	27.09.2022	26.09.2024
							SEPL20210				27.09.2022	26.09.2024
							SEPL20205				27.09.2022	26.09.2024
							SEPL20200				27.09.2022	26.09.2024
				xix	Multi- C-Si Modules	SEPL20195, (195Wp)	SEPL20195		60 Cut Cells	1000	27.09.2022	26.09.2024
							SEPL20190				27.09.2022	26.09.2024
							SEPL12150				27.09.2022	26.09.2024
				xx	Multi- C-Si Modules	SEPL12145, (145Wp)	SEPL12145		36 Cut Cells	600	27.09.2022	26.09.2024
							SEPL12140				27.09.2022	26.09.2024
							SEPL12135				27.09.2022	26.09.2024
				xxi	Multi- C-Si Modules	SEPL12130, (130Wp)	SEPL12130		36 Cut Cells	600	27.09.2022	26.09.2024
							SEPL12125				27.09.2022	26.09.2024
							SEPL12120				27.09.2022	26.09.2024
				xxii	Multi- C-Si Modules	SEPL12115, (115Wp)	SEPL12115		36 Cut Cells	600	27.09.2022	26.09.2024
							SEPL12110				27.09.2022	26.09.2024
				xxiii	Multi- C-Si Modules	SEPL12100, (100Wp)	SEPL12105		36 Cut Cells	600	27.09.2022	26.09.2024
							SEPL12100				27.09.2022	26.09.2024
				xxiv	Multi- C-Si Modules	SEPL1295, (95Wp)	SEPL1295		36 Cut Cells	600	27.09.2022	26.09.2024
				xxv	Multi- C-Si Modules	SEPL1290, (90Wp)	SEPL1290		36 Cut Cells	600	27.09.2022	26.09.2024
				xxvi	Multi- C-Si Modules	SEPL1285, (85Wp)	SEPL1285		36 Cut Cells	600	27.09.2022	26.09.2024
				xxvii	Multi- C-Si Modules	SEPL1280, (80Wp)	SEPL1280		36 Cut Cells	600	27.09.2022	26.09.2024
				xxviii	Multi- C-Si Modules	SEPL1275, (75Wp)	SEPL1275		36 Cut Cells	600	27.09.2022	26.09.2024
				xxix	Multi- C-Si Modules	SEPL1270, (70Wp)	SEPL1270		36 Cut Cells	600	27.09.2022	26.09.2024
				xxx	Multi- C-Si Modules	SEPL1265, (65Wp)	SEPL1265		36 Cut Cells	600	27.09.2022	26.09.2024
				xxxi	Multi- C-Si Modules	SEPL1260, (60Wp)	SEPL1260		36 Cut Cells	600	27.09.2022	26.09.2024
				xxxii	Multi- C-Si Modules	SEPL1255, (55Wp)	SEPL1255		36 Cut Cells	600	27.09.2022	26.09.2024
				xxxiii	Multi- C-Si Modules	SEPL1250, (50Wp)	SEPL1250		36 Cut Cells	600	27.09.2022	26.09.2024
				xxxiv	Multi- C-Si Modules	SEPL1245, (45Wp)	SEPL1245		36 Cut Cells	600	27.09.2022	26.09.2024
				xxxv	Multi- C-Si Modules	SEPL1240, (40Wp)	SEPL1240		36 Cut Cells	600	27.09.2022	26.09.2024
				xxxvi	Multi- C-Si Modules	SEPL1235, (35Wp)	SEPL1235		36 Cut Cells	600	27.09.2022	26.09.2024
				xxxvii	Multi- C-Si Modules	SEPL1230, (30Wp)	SEPL1230		36 Cut Cells	600	27.09.2022	26.09.2024
				xxxviii	Multi- C-Si Modules	SEPL1224, (24Wp)	SEPL1224		36 Cut Cells	600	27.09.2022	26.09.2024
56	M/s. SASA Energy LLP	Opposite Dargah, Morbi-Halvad Road, At-Nichi Mandal, Morbi – Rajkot, Gujarat - 363642, India	91	i	Multi C-Si Modules	SASA325P72, (325Wp)	SASA310P72		72 (Full Cells)	1500	27.09.2022	26.09.2024
							SASA315P72				27.09.2022	26.09.2024
							SASA320P72				27.09.2022	26.09.2024
							SASA325P72				27.09.2022	26.09.2024
							SASA330P72				27.09.2022	26.09.2024
							SASA335P72				27.09.2022	26.09.2024
							SASA340P72				27.09.2022	26.09.2024
				ii	Multi C-Si Modules	SASA300P66, (300Wp)	SASA285P66		66 (Full Cells)	1500	27.09.2022	26.09.2024
							SASA290P66				27.09.2022	26.09.2024
							SASA295P66				27.09.2022	26.09.2024
							SASA300P66				27.09.2022	26.09.2024
							SASA305P66				27.09.2022	26.09.2024
							SASA310P66				27.09.2022	26.09.2024
							SASA255P60				27.09.2022	26.09.2024

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
				iii	Multi C-Si Modules	SASA265P60, (265Wp)	SASA260P60		60 (Full Cells)	1500	27.09.2022	26.09.2024
							SASA265P60				27.09.2022	26.09.2024
							SASA270P60				27.09.2022	26.09.2024
							SASA275P60				27.09.2022	26.09.2024
				iv	Multi C-Si Modules	SASA240P54, (240Wp)	SASA230P54		54 (Full Cells)	1500	27.09.2022	26.09.2024
							SASA235P54				27.09.2022	26.09.2024
							SASA240P54				27.09.2022	26.09.2024
							SASA245P54				27.09.2022	26.09.2024
				v	Multi C-Si Modules	SASA210P48, (210Wp)	SASA250P54		48 (Full Cells)	1500	27.09.2022	26.09.2024
							SASA200P48				27.09.2022	26.09.2024
							SASA205P48				27.09.2022	26.09.2024
							SASA210P48				27.09.2022	26.09.2024
				vi	Mono C-Si PERC Modules	SASA385M72, (385Wp)	SASA215P48		72 (Full Cells)	1500	27.09.2022	26.09.2024
							SASA220P48				27.09.2022	26.09.2024
							SASA370M72				27.09.2022	26.09.2024
							SASA375M72				27.09.2022	26.09.2024
				vii	Mono C-Si PERC Modules	SASA345M66, (345Wp)	SASA380M72		66 (Full Cells)	1500	27.09.2022	26.09.2024
							SASA385M72				27.09.2022	26.09.2024
							SASA390M72				27.09.2022	26.09.2024
							SASA395M72				27.09.2022	26.09.2024
				viii	Mono C-Si PERC Modules	SASA315M60 (315Wp)	SASA400M72		60 (Full Cells)	1500	27.09.2022	26.09.2024
							SASA330M66				27.09.2022	26.09.2024
							SASA335M66				27.09.2022	26.09.2024
							SASA340M66				27.09.2022	26.09.2024
				ix	Mono C-Si PERC Modules	SASA295M54, (295Wp)	SASA345M66		54 (Full Cells)	1500	27.09.2022	26.09.2024
							SASA350M66				27.09.2022	26.09.2024
							SASA355M66				27.09.2022	26.09.2024
							SASA360M66				27.09.2022	26.09.2024
				x	Mono C-Si PERC Modules	SASA255M48, (255Wp)	SASA300M60		48 (Full Cells)	1500	27.09.2022	26.09.2024
							SASA305M60				27.09.2022	26.09.2024
							SASA310M60				27.09.2022	26.09.2024
							SASA315M60				27.09.2022	26.09.2024
				xi	Mono C-Si PERC Modules	SASA24MPC390, (390Wp)	SASA320M60		144 (Half CutCells)	1500	27.09.2022	26.09.2024
							SASA325M60				27.09.2022	26.09.2024
							SASA330M60				27.09.2022	26.09.2024
							SASA285M54				27.09.2022	26.09.2024
							SASA290M54		72 (Full Cells)	1500	27.09.2022	26.09.2024
							SASA295M54				27.09.2022	26.09.2024
							SASA300M54				27.09.2022	26.09.2024
							SASA305M54				27.09.2022	26.09.2024
							SASA245M48		48 (Full Cells)	1500	27.09.2022	26.09.2024
							SASA250M48				27.09.2022	26.09.2024
							SASA255M48				27.09.2022	26.09.2024
							SASA260M48				27.09.2022	26.09.2024
							SASA265M48		144 (Half CutCells)	1500	27.09.2022	26.09.2024
							SASA24MPC375				27.09.2022	26.09.2024
							SASA24MPC380				27.09.2022	26.09.2024
							SASA24MPC385				27.09.2022	26.09.2024
			SASA24MPC390		72 (Full Cells)	1500	27.09.2022	26.09.2024				
			SASA24MPC395				27.09.2022	26.09.2024				
			SASA24MPC400				27.09.2022	26.09.2024				
			SASA24MPC405				27.09.2022	26.09.2024				
57	M/s. SUNBOND Energy Pvt. Ltd.	S.No. 181/P2 Opp. 66 kV substation, Mitana- Padadhari Road , Mitana, Rajkot, Gujarat 363650, India	60	i	Mono C-Si PERC Modules	SEPL72F375M, (375Wp)	SEPL72F360M		72 (Full Cells)	1500	27.09.2022	26.09.2024
							SEPL72F365M				27.09.2022	26.09.2024
							SEPL72F370M				27.09.2022	26.09.2024
							SEPL72F375M				27.09.2022	26.09.2024
							SEPL72F380M				27.09.2022	26.09.2024
							SEPL72F385M				27.09.2022	26.09.2024
							SEPL72F390M				27.09.2022	26.09.2024
							SEPL66F325M				27.09.2022	26.09.2024
							SEPL66F330M				27.09.2022	26.09.2024
							SEPL66F335M				27.09.2022	26.09.2024

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S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
				ii	Mono C-Si PERC Modules	SEPL66F340M, (340Wp)	SEPL66F340M		66 (Full Cells)	1500	27.09.2022	26.09.2024
							SEPL66F345M				27.09.2022	26.09.2024
							SEPL66F350M				27.09.2022	26.09.2024
							SEPL66F355M				27.09.2022	26.09.2024
				iii	Mono C-Si PERC Modules	SEPL60F310M, (310Wp)	SEPL60F295M		60 (Full Cells)	1500	27.09.2022	26.09.2024
							SEPL60F300M				27.09.2022	26.09.2024
							SEPL60F305M				27.09.2022	26.09.2024
							SEPL60F310M				27.09.2022	26.09.2024
				iv	Mono C-Si PERC Modules	SEPL54F280M, (280Wp)	SEPL60F315M		54 (Full Cells)	1500	27.09.2022	26.09.2024
							SEPL60F320M				27.09.2022	26.09.2024
							SEPL60F325M				27.09.2022	26.09.2024
							SEPL54F275M				27.09.2022	26.09.2024
				v	Mono C-Si PERC Modules	SEPL48F250M, (250Wp)	SEPL54F280M		48 (Full Cells)	1500	27.09.2022	26.09.2024
							SEPL54F285M				27.09.2022	26.09.2024
SEPL54F290M	27.09.2022	26.09.2024										
SEPL48F240M	27.09.2022	26.09.2024										
vi	Mono C-Si PERC Modules	SEPL48F250M, (250Wp)	SEPL48F245M		144 (Half Cut Cells)	1500	27.09.2022	26.09.2024				
			SEPL48F250M				27.09.2022	26.09.2024				
			SEPL48F255M				27.09.2022	26.09.2024				
			SEPL48F260M				27.09.2022	26.09.2024				
vii	Mono C-Si PERC Modules	SEPL144C375M, (375Wp)	SEPL144C360M		36 (Full Cells)	1500	27.09.2022	26.09.2024				
			SEPL144C365M				27.09.2022	26.09.2024				
			SEPL144C370M				27.09.2022	26.09.2024				
			SEPL144C375M				27.09.2022	26.09.2024				
viii	Multi C-Si Modules	SEPL36F160P, (160Wp)	SEPL144C380M		48 (Full Cells)	1500	27.09.2022	26.09.2024				
			SEPL144C385M				27.09.2022	26.09.2024				
			SEPL144C390M				27.09.2022	26.09.2024				
			SEPL36F155P				27.09.2022	26.09.2024				
ix	Multi C-Si Modules	SEPL36F160P, (160Wp)	SEPL36F160P		54 (Full Cells)	1500	27.09.2022	26.09.2024				
			SEPL36F165P				27.09.2022	26.09.2024				
			SEPL48F200P				27.09.2022	26.09.2024				
			SEPL48F205P				27.09.2022	26.09.2024				
x	Multi C-Si Modules	SEPL48F210P, (210Wp)	SEPL48F210P		60 (Full Cells)	1500	27.09.2022	26.09.2024				
			SEPL48F215P				27.09.2022	26.09.2024				
			SEPL48F220P				27.09.2022	26.09.2024				
			SEPL48F225P				27.09.2022	26.09.2024				
xi	Multi C-Si Modules	SEPL48F230P, (230Wp)	SEPL48F230P		72 (Full Cells)	1500	27.09.2022	26.09.2024				
			SEPL54F225P				27.09.2022	26.09.2024				
			SEPL54F230P				27.09.2022	26.09.2024				
			SEPL54F235P				27.09.2022	26.09.2024				
xii	Multi C-Si Modules	SEPL54F240P, (240Wp)	SEPL54F240P		60 (Full Cells)	1500	27.09.2022	26.09.2024				
			SEPL54F245P				27.09.2022	26.09.2024				
			SEPL60F255P				27.09.2022	26.09.2024				
			SEPL60F260P				27.09.2022	26.09.2024				
xiii	Multi C-Si Modules	SEPL60F265P, (265Wp)	SEPL60F265P		66 (Full Cells)	1500	27.09.2022	26.09.2024				
			SEPL60F270P				27.09.2022	26.09.2024				
			SEPL60F275P				27.09.2022	26.09.2024				
			SEPL66F280P				27.09.2022	26.09.2024				
xiv	Multi C-Si Modules	SEPL66F290P, (290Wp)	SEPL66F285P		72 (Full Cells)	1500	27.09.2022	26.09.2024				
			SEPL66F290P				27.09.2022	26.09.2024				
			SEPL66F295P				27.09.2022	26.09.2024				
			SEPL66F300P				27.09.2022	26.09.2024				
xv	Multi C-Si Modules	SEPL72F315P, (315Wp)	SEPL72F300P		72 (Full Cells)	1500	27.09.2022	26.09.2024				
			SEPL72F305P				27.09.2022	26.09.2024				
			SEPL72F315P				27.09.2022	26.09.2024				
			SEPL72F320P				27.09.2022	26.09.2024				
xvi	Multi C-Si Modules	SEPL72C295P, (295Wp)	SEPL72F325P		72 (Full Cells)	1500	27.09.2022	26.09.2024				
			SEPL72F330P				27.09.2022	26.09.2024				
			SEPL72C285P				27.09.2022	26.09.2024				
			SEPL72C290P				27.09.2022	26.09.2024				
xvii	Multi C-Si Modules	SEPL72C295P, (295Wp)	SEPL72C295P		72 (Full Cells)	1500	27.09.2022	26.09.2024				
			SEPL72F335P				27.09.2022	26.09.2024				
xviii	Multi C-Si Module	SEPI 72F340P (340 Wp)	SEPL72F335P		72 (Full Cell)	1500	27.09.2022	26.09.2024				

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
				xv	Mono-PERC C-Si Module	SEPL72F400M (400Wp)	SEPL72F340P		72 (Full Cell)	1500	27.09.2022	26.09.2024
							SEPL72F400M				27.09.2022	26.09.2024
				xvi	Mono-PERC C-Si Module	SEPLM10-525 (525 Wp)	SEPLM10-500		144 (Half Cut Cell)	1500	27.09.2022	26.09.2024
							SEPLM10-505				27.09.2022	26.09.2024
							SEPLM10-510				27.09.2022	26.09.2024
							SEPLM10-515				27.09.2022	26.09.2024
							SEPLM10-520				27.09.2022	26.09.2024
							SEPLM10-525				27.09.2022	26.09.2024
							SEPLM10-530				27.09.2022	26.09.2024
							SEPLM10-535				27.09.2022	26.09.2024
							SEPLM10-540				27.09.2022	26.09.2024
							SEPLM10-545				27.09.2022	26.09.2024
				SEPLM10-550		27.09.2022	26.09.2024					
				58	M/s. Cosmic PV Power Pvt. Ltd.	Block No:E-43/44, D-26/27, A-366 to A-371, A487 to A-492, L-365 and L-493, Hindwa Dreams, Dhoran Pardi, Gayapagal Road, Kamrej, Surat-394155	70	i	Multi C-Si Modules	Cos Po 330P (330 Wp)	Cos Po 320P	
Cos Po 325P		27.09.2022	26.09.2024									
Cos Po 330P		27.09.2022	26.09.2024									
Cos Po 335P		27.09.2022	26.09.2024									
ii	Multi C-Si Modules	Cos Po 300P (300 Wp)	Cos Po 300P						72 FULL CELL	1500	27.09.2022	26.09.2024
			Cos Po 305P								27.09.2022	26.09.2024
			Cos Po 310P								27.09.2022	26.09.2024
			Cos Po 315P								27.09.2022	26.09.2024
iii	Multi C-Si Modules	Cos Po 270P (270 Wp)	Cos Po 260P						60 FULL CELL	1500	27.09.2022	26.09.2024
			Cos Po 265P								27.09.2022	26.09.2024
			Cos Po 270P								27.09.2022	26.09.2024
			Cos Po 275P								27.09.2022	26.09.2024
iv	Multi C-Si Modules	Cos Po 250P (250 Wp)	Cos Po 280P						60 FULL CELL	1500	27.09.2022	26.09.2024
			Cos Po 250P								27.09.2022	26.09.2024
			Cos Po 255P								27.09.2022	26.09.2024
											27.09.2022	26.09.2024
59	M/s. Emmvee Photovoltaic Power Private Limited	Sy. No. 66-70/3, Pemmanahalli Village, Sompura Hobli, Dabaspet, Nelamangala Taluk, Bengaluru rurak District, Karnataka	525	i	Mono C-Si PERC Monofacial Modules	E520HCMW144 (520 Wp)	E545HCMW144		144 (Half Cut Cells)	1500	27.09.2022	26.09.2024
							E540HCMW144				27.09.2022	26.09.2024
							E535HCMW144				27.09.2022	26.09.2024
							E530HCMW144				27.09.2022	26.09.2024
							E525HCMW144				27.09.2022	26.09.2024
							E520HCMW144				27.09.2022	26.09.2024
							E515HCMW144				27.09.2022	26.09.2024
							E510HCMW144				27.09.2022	26.09.2024
							E505HCMW144				27.09.2022	26.09.2024
							E500HCMW144				27.09.2022	26.09.2024
							E495HCMW144				27.09.2022	26.09.2024
											27.09.2022	26.09.2024
				ii	Mono C-Si PERC Bi-Facial Modules	E520HCBG144 (520 Wp)	E545HCBG144		144 (Half Cut Cells)	1500	27.09.2022	26.09.2024
							E540HCBG144				27.09.2022	26.09.2024
							E535HCBG144				27.09.2022	26.09.2024
							E530HCBG144				27.09.2022	26.09.2024
							E525HCBG144				27.09.2022	26.09.2024
							E520HCBG144				27.09.2022	26.09.2024
							E515HCBG144				27.09.2022	26.09.2024
							E510HCBG144				27.09.2022	26.09.2024
							E505HCBG144				27.09.2022	26.09.2024
							E500HCBG144				27.09.2022	26.09.2024
							E495HCBG144				27.09.2022	26.09.2024
											27.09.2022	26.09.2024
				iii	Mono C-Si PERC Monofacial Modules	E430HCMW120 (430 Wp)	E450HCMW120		120 (Half Cut Cells)	1500	27.09.2022	26.09.2024
							E445HCMW120				27.09.2022	26.09.2024
							E440HCMW120				27.09.2022	26.09.2024
							E435HCMW120				27.09.2022	26.09.2024
							E430HCMW120				27.09.2022	26.09.2024
							E425HCMW120				27.09.2022	26.09.2024
							E420HCMW120				27.09.2022	26.09.2024
							E415HCMW120				27.09.2022	26.09.2024
							E410HCMW120				27.09.2022	26.09.2024
							E405HCMW120				27.09.2022	26.09.2024
							E400HCMW120				27.09.2022	26.09.2024
							E450HCBG120				27.09.2022	26.09.2024

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
				iv	Mono C-Si PERC Bi-Facial Modules	E430HCBG120 (430 Wp)	E445HCBG120 E440HCBG120 E435HCBG120 E430HCBG120 E425HCBG120 E420HCBG120 E415HCBG120 E410HCBG120		120 (Half Cut Cells)	1500	27.09.2022	26.09.2024
60	M/s. Jyotitech Solar LLP	Plot No R-456, Rabale MIDC, TTC Industrial Area, Navi Mumbai-400701, Maharashtra, India.	36	i	Multi C-Si Modules	JTSP72F320 (320 Wp)	JTSP72F305 JTSP72F310 JTSP72F315 JTSP72F320 JTSP72F325 JTSP72F330 JTSP72F335		72 FULL CELL	1500	27.09.2022	26.09.2024
				ii	Multi C-Si Modules	JTSP72F340 (340 Wp)	JTSP72F340		72 FULL CELL	1500	27.09.2022	26.09.2024
				iii	Multi C-Si Modules	JTSP66F280 (280 Wp)	JTSP66F270 JTSP66F275 JTSP66F280 JTSP66F285 JTSP66F290		66 FULL CELL	1500	27.09.2022	26.09.2024
				iv	Multi C-Si Modules	JTSP66F300 (300 Wp)	JTSP66F295 JTSP66F300		66 FULL CELL	1500	27.09.2022	26.09.2024
				v	Multi C-Si Modules	JTSP60F260 (260 Wp)	JTSP60F250 JTSP60F255 JTSP60F260 JTSP60F265 JTSP60F270		60 FULL CELL	1500	27.09.2022	26.09.2024
				vi	Multi C-Si Modules	JTSP60F275 (275 Wp)	JTSP60F275		60 FULL CELL	1500	27.09.2022	26.09.2024
				vii	Multi C-Si Modules	JTSP54F235 (235 Wp)	JTSP54F230 JTSP54F235 JTSP54F240 JTSP54F245		54 FULL CELL	1500	27.09.2022	26.09.2024
				viii	Multi C-Si Modules	JTSP48F210 (2100 Wp)	JTSP48F200 JTSP48F205 JTSP48F210 JTSP48F215		48 FULL CELL	1500	27.09.2022	26.09.2024
				ix	Multi C-Si Modules	JTSP42F200 (200 Wp)	JTSP42F200		42 FULL CELL	1500	27.09.2022	26.09.2024
				x	Multi C-Si Modules	JTSP36F155 (155 Wp)	JTSP36F150 JTSP36F155 JTSP36F160		36 FULL CELL	1000	27.09.2022	26.09.2024
				xi	Multi C-Si Modules	JTSP36F165 (165 Wp)	JTSP36F165		36 FULL CELL	1000	27.09.2022	26.09.2024
				xii	Multi C-Si Modules	JTSP72C210 (210 Wp)	JTSP72C200 JTSP72C205 JTSP72C210 JTSP72C215 JTSP72C220		72 CUT CELL	1500	27.09.2022	26.09.2024
				xiii	Multi C-Si Modules	JTSP72C260 (260 Wp)	JTSP72C250 JTSP72C255 JTSP72C260 JTSP72C265 JTSP72C270		72 CUT CELL	1500	27.09.2022	26.09.2024
				xiv	Multi C-Si Modules	JTSP72C275 (275 Wp)	JTSP72C275		72 CUT CELL	1500	27.09.2022	26.09.2024
				xv	Multi C-Si Modules	JTSP36C030 (30 Wp)	JTSP36C030		36 CUT CELL	1000	27.09.2022	26.09.2024
				xvi	Multi C-Si Modules	JTSP36C35 (35 Wp)	JTSP36C35		36 CUT CELL	1000	27.09.2022	26.09.2024
				xvii	Multi C-Si Modules	JTSP36C040 (40 Wp)	JTSP36C040		36 CUT CELL	1000	27.09.2022	26.09.2024
				xviii	Multi C-Si Modules	JTSP36C045 (45 Wp)	JTSP36C045		36 CUT CELL	1000	27.09.2022	26.09.2024
				xix	Multi C-Si Modules	JTSP36C050 (50 Wp)	JTSP36C050		36 CUT CELL	1000	27.09.2022	26.09.2024
				xx	Multi C-Si Modules	JTSP36C055 (55 Wp)	JTSP36C055		36 CUT CELL	1000	27.09.2022	26.09.2024
				xxi	Multi C-Si Modules	JTSP36C060 (60 Wp)	JTSP36C060		36 CUT CELL	1000	27.09.2022	26.09.2024
				xxii	Multi C-Si Modules	JTSP36C065 (65 Wp)	JTSP36C065		36 CUT CELL	1000	27.09.2022	26.09.2024
				xxiii	Multi C-Si Modules	JTSP36C070 (70 Wp)	JTSP36C070		36 CUT CELL	1000	27.09.2022	26.09.2024

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
				xxiv	Multi C-Si Modules	JTSP36C075 (75 Wp)	JTSP36C075		36 CUT CELL	1000	27.09.2022	26.09.2024
				xxv	Multi C-Si Modules	JTSP36C080 (80 Wp)	JTSP36C080		36 CUT CELL	1000	27.09.2022	26.09.2024
				xxvi	Multi C-Si Modules	JTSP36C085 (85 Wp)	JTSP36C085		36 CUT CELL	1000	27.09.2022	26.09.2024
				xxvii	Multi C-Si Modules	JTSP36C090 (90 Wp)	JTSP36C090		36 CUT CELL	1000	27.09.2022	26.09.2024
				xxviii	Multi C-Si Modules	JTSP36C100 (100 Wp)	JTSP36C095		36 CUT CELL	1000	27.09.2022	26.09.2024
							JTSP36C100				27.09.2022	26.09.2024
							JTSP36C105				27.09.2022	26.09.2024
				xxix	Multi C-Si Modules	JTSP36C115 (115 Wp)	JTSP36C110		36 CUT CELL	1000	27.09.2022	26.09.2024
							JTSP36C115				27.09.2022	26.09.2024
							JTSP36C120				27.09.2022	26.09.2024
				xxx	Multi C-Si Modules	JTSP36C130 (130 Wp)	JTSP36C125		36 CUT CELL	1000	27.09.2022	26.09.2024
							JTSP36C130				27.09.2022	26.09.2024
							JTSP36C135				27.09.2022	26.09.2024
				xxxi	Multi C-Si Modules	JTSP36C145 (145 Wp)	JTSP36C140		36 CUT CELL	1000	27.09.2022	26.09.2024
							JTSP36C145				27.09.2022	26.09.2024
							JTSP36C150				27.09.2022	26.09.2024
				xxxii	Mono PERC C-Si Modules	JTSM72F385 (385 Wp)	JTSM72F370		72 FULL CELL	1500	27.09.2022	26.09.2024
							JTSM72F375				27.09.2022	26.09.2024
							JTSM72F380				27.09.2022	26.09.2024
							JTSM72F385				27.09.2022	26.09.2024
							JTSM72F390				27.09.2022	26.09.2024
							JTSM72F395				27.09.2022	26.09.2024
				xxxiii	Mono PERC C-Si Modules	JTSM66F350 (350 Wp)	JTSM66F340		66 FULL CELL	1500	27.09.2022	26.09.2024
							JTSM66F345				27.09.2022	26.09.2024
							JTSM66F350				27.09.2022	26.09.2024
							JTSM66F355				27.09.2022	26.09.2024
							JTSM66F360				27.09.2022	26.09.2024
				xxxiv	Mono PERC C-Si Modules	JTSM60F310 (310 Wp)	JTSM60F300		60 FULL CELL	1500	27.09.2022	26.09.2024
JTSM60F305		27.09.2022	26.09.2024									
JTSM60F310		27.09.2022	26.09.2024									
JTSM60F315		27.09.2022	26.09.2024									
JTSM60F320		27.09.2022	26.09.2024									
xxxv	Mono PERC C-Si Modules	JTSM54F290 (290 Wp)	JTSM60F325		54 FULL CELL	1500	27.09.2022	26.09.2024				
			JTSM54F280				27.09.2022	26.09.2024				
			JTSM54F285				27.09.2022	26.09.2024				
			JTSM54F290				27.09.2022	26.09.2024				
			JTSM54F295				27.09.2022	26.09.2024				
xxxvi	Mono PERC C-Si Modules	JTSM48F250 (250 Wp)	JTSM54F300		48 FULL CELL	1500	27.09.2022	26.09.2024				
			JTSM48F245				27.09.2022	26.09.2024				
			JTSM48F250				27.09.2022	26.09.2024				
			JTSM48F255				27.09.2022	26.09.2024				
xxxvii	Mono PERC C-Si Modules	JTSM42F220 (220 Wp)	JTSM48F260		42 FULL CELL	1500	27.09.2022	26.09.2024				
xxxviii	Mono PERC C-Si Modules	JTSM36F185 (185 Wp)	JTSM42F220		36 FULL CELL	1000	27.09.2022	26.09.2024				
			JTSM36F180				27.09.2022	26.09.2024				
			JTSM36F185				27.09.2022	26.09.2024				
61	M/s. Suryakamal Energy Pvt. Ltd	Survey No 1303, Shade No 4, Radhika Enterprise, Undrel, Daskroi, Ahmedabad, Gujarat-382433, India	27	i	Multi C-Si Modules	SK72C315W (315 Wp)	SK72C330W		72 FULL CELL	1000	27.09.2022	26.09.2024
							SK72C325W				27.09.2022	26.09.2024
							SK72C320W				27.09.2022	26.09.2024
							SK72C315W				27.09.2022	26.09.2024
							SK72C300W				27.09.2022	26.09.2024
62	M/s. Abhishek Solar Industries Pvt. Ltd	P.O- Vikash Neori, Beside Premchand Mahto High School, Ranchi-835217, Jharkhand	25	i	Multi C-Si Modules	ASPD-325 (325 Wp)	ASPD-315		72 Full Cells	1500	25.01.2023	24.01.2025
							ASPD-325				25.01.2023	24.01.2025
							ASPD-335				25.01.2023	24.01.2025
				ii	Multi C-Si Modules	ASP-325 (325 Wp)	ASP-315		72 Full Cells	1500	25.01.2023	24.01.2025
							ASP-325				25.01.2023	24.01.2025
							ASP-335				25.01.2023	24.01.2025
				iii	Multi C-Si Modules	ASP-265 (265 Wp)	ASP-260		60 Full Cells	1500	25.01.2023	24.01.2025
							ASP-265				25.01.2023	24.01.2025
							ASP-270				25.01.2023	24.01.2025

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
				iv	Multi C-Si Modules	ASPD-265 (265 Wp)	ASP-275		60 Full Cells	1500	25.01.2023	24.01.2025
							ASPD-260				25.01.2023	24.01.2025
							ASPD-265				25.01.2023	24.01.2025
							ASPD-270				25.01.2023	24.01.2025
				v	Multi C-Si Modules	ASPD-240 (240 Wp)	ASPD-275		54 Full Cells	1500	25.01.2023	24.01.2025
							ASPD-230				25.01.2023	24.01.2025
				vi	Multi C-Si Modules	ASPD-200 (200 Wp)	ASPD-240		42 Full Cells	1500	25.01.2023	24.01.2025
							ASPD-190				25.01.2023	24.01.2025
				vii	Multi C-Si Modules	ASPD-160 (160 Wp)	ASPD-200		36 Full Cells	1000	25.01.2023	24.01.2025
							ASPD-160				25.01.2023	24.01.2025
				viii	Multi C-Si Modules	ASPD-125 (125 Wp)	ASPD-125		36 Cut Cells	1000	25.01.2023	24.01.2025
							ASPD-125				25.01.2023	24.01.2025
				ix	Multi C-Si Modules	ASP-100 (100 Wp)	ASP-100		36 Cut Cells	1000	25.01.2023	24.01.2025
ASP-100	25.01.2023	24.01.2025										
x	Multi C-Si Modules	ASPD-75 (75 Wp)	ASPD-75		36 Cut Cells	1000	25.01.2023	24.01.2025				
			ASPD-75				25.01.2023	24.01.2025				
xi	Multi C-Si Modules	ASP-75 (75 Wp)	ASP-75		36 Cut Cells	1000	25.01.2023	24.01.2025				
			ASP-75				25.01.2023	24.01.2025				
xii	Multi C-Si Modules	ASPD-60 (60 Wp)	ASPD-60		36 Cut Cells	1000	25.01.2023	24.01.2025				
			ASPD-60				25.01.2023	24.01.2025				
xiii	Multi C-Si Modules	ASPD-40 (40 Wp)	ASPD-40		36 Cut Cells	1000	25.01.2023	24.01.2025				
			ASPD-40				25.01.2023	24.01.2025				
63	M/s. Aatmanirbhar Solar Pvt. Ltd.	Survey no 192, Dudhathal, Kheda, Gujarat - 387620, India	100	i	Mono C-Si PERC Modules	ASPL380MP72 (380 Wp)	ASPL365MP72		72 FULL CELL	1500	25.01.2023	24.01.2025
							ASPL370MP72				25.01.2023	24.01.2025
							ASPL375MP72				25.01.2023	24.01.2025
							ASPL380MP72				25.01.2023	24.01.2025
							ASPL385MP72				25.01.2023	24.01.2025
							ASPL390MP72				25.01.2023	24.01.2025
				ii	Multi C-Si Modules	ASPL320P72 (320 Wp)	ASPL395MP72		72 FULL CELL	1500	25.01.2023	24.01.2025
							ASPL305P72				25.01.2023	24.01.2025
							ASPL310P72				25.01.2023	24.01.2025
							ASPL315P72				25.01.2023	24.01.2025
							ASPL320P72				25.01.2023	24.01.2025
							ASPL325P72				25.01.2023	24.01.2025
							ASPL330P72				25.01.2023	24.01.2025
ASPL335P72	25.01.2023	24.01.2025										
64	M/s. Ameya Solar & Semiconductor Pvt. Ltd.	Survey No. 161/1/1A, Rajpeta Road, Maridimamba Temple, Nagavaram Village, Munugapaka Mandlam, Vishaka Patnam, Andhra Pradesh-531033, India	14	i	Multi C-Si Modules	ASSPL-1210 (10 Wp)	ASSPL-1210		36 (Cut Cells)	600	25.01.2023	24.01.2025
				ii	Multi C-Si Modules	ASSPL-1240 (40 Wp)	ASSPL-1240		36 (Cut Cells)	600	25.01.2023	24.01.2025
				iii	Multi C-Si Modules	ASSPL-1250 (50 Wp)	ASSPL-1250		36 (Cut Cells)	600	25.01.2023	24.01.2025
				iv	Multi C-Si Modules	ASSPL-1275 (75 Wp)	ASSPL-1275		36 (Cut Cells)	600	25.01.2023	24.01.2025
				v	Multi C-Si Modules	ASSPL-12100 (100 Wp)	ASSPL-12100		36 (Cut Cells)	600	25.01.2023	24.01.2025
				vi	Multi C-Si Modules	ASSPL-12160 (160 Wp)	ASSPL-12160		36 (Full Cells)	1000	25.01.2023	24.01.2025
				vii	Multi C-Si Modules	ASSPL-20260 (260 Wp)	ASSPL-20250		60 (Full Cells)	1500	25.01.2023	24.01.2025
							ASSPL-20260				25.01.2023	24.01.2025
							ASSPL-20270				25.01.2023	24.01.2025
				viii	Multi C-Si Modules	ASSPL-24310 (310 Wp)	ASSPL-24300		72 (Full Cells)	1500	25.01.2023	24.01.2025
							ASSPL-24310				25.01.2023	24.01.2025
							ASSPL-24320				25.01.2023	24.01.2025
				ix	Multi C-Si Modules	ASSPL-24340 (340 Wp)	ASSPL-24330		72 (Full Cells)	1500	25.01.2023	24.01.2025
ASSPL-24340	25.01.2023	24.01.2025										
ASSPL-24350	25.01.2023	24.01.2025										
65	M/s. Agrawal Renewable Energy Pvt. Ltd	Plot No. 66/0, Dhoop Building, Volvoi Road, Culti, Ponda, South Goa - 403401, India	60	i	Mono C-Si PERC Modules	DHOOP PM72 345 (345Wp)	DHOOP PM72 330Wp		72 (Full Cells)	1500	25.01.2023	24.01.2025
							DHOOP PM72 335Wp				25.01.2023	24.01.2025
							DHOOP PM72 340Wp				25.01.2023	24.01.2025
							DHOOP PM72 345Wp				25.01.2023	24.01.2025
							DHOOP PM72 350Wp				25.01.2023	24.01.2025
							DHOOP PM72 355Wp				25.01.2023	24.01.2025
							DHOOP PM72 360Wp				25.01.2023	24.01.2025
							DHOOP PM72 370Wp				25.01.2023	24.01.2025
							DHOOP PM72 375Wp				25.01.2023	24.01.2025
							DHOOP PM72 380Wp				25.01.2023	24.01.2025

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
				ii	Mono C-Si PERC Modules	DHOOP PM72 385 (385Wp)	DHOOP PM72 385Wp		72 (Full Cells)	1500	25.01.2023	24.01.2025
							DHOOP PM72 390Wp				25.01.2023	24.01.2025
							DHOOP PM72 395Wp				25.01.2023	24.01.2025
							DHOOP PM72 400Wp				25.01.2023	24.01.2025
				iii	Multi C-Si Modules	DHOOP PP48 210 (210Wp)	DHOOP PP48 200Wp		48 (Full Cells)	1500	25.01.2023	24.01.2025
							DHOOP PP48 205Wp				25.01.2023	24.01.2025
							DHOOP PP48 210Wp				25.01.2023	24.01.2025
							DHOOP PP48 215Wp				25.01.2023	24.01.2025
				iv	Multi C-Si Modules	DHOOP PP48 225 (225Wp)	DHOOP PP48 220Wp		48 (Full Cells)	1500	25.01.2023	24.01.2025
							DHOOP PP48 225Wp				25.01.2023	24.01.2025
							DHOOP PP48 230Wp				25.01.2023	24.01.2025
							DHOOP PP48 235Wp				25.01.2023	24.01.2025
				v	Multi C-Si Modules	DHOOP PP60 260 (260Wp)	DHOOP PP60 250Wp		60 (Full Cells)	1500	25.01.2023	24.01.2025
							DHOOP PP60 255Wp				25.01.2023	24.01.2025
							DHOOP PP60 260Wp				25.01.2023	24.01.2025
							DHOOP PP60 265Wp				25.01.2023	24.01.2025
				vi	Multi C-Si Modules	DHOOP PP60 280 (280Wp)	DHOOP PP60 270Wp		60 (Full Cells)	1500	25.01.2023	24.01.2025
							DHOOP PP60 275Wp				25.01.2023	24.01.2025
							DHOOP PP60 280Wp				25.01.2023	24.01.2025
							DHOOP PP72 300Wp				25.01.2023	24.01.2025
vii	Multi C-Si Modules	DHOOP PP72 315 (315Wp)	DHOOP PP72 305Wp		72 (Full Cells)	1500	25.01.2023	24.01.2025				
			DHOOP PP72 310Wp				25.01.2023	24.01.2025				
			DHOOP PP72 315Wp				25.01.2023	24.01.2025				
			DHOOP PP72 320Wp				25.01.2023	24.01.2025				
			DHOOP PP72 325Wp				25.01.2023	24.01.2025				
			DHOOP PP72 330Wp				25.01.2023	24.01.2025				
viii	Multi C-Si Modules	DHOOP PP72 335 (335Wp)	DHOOP PP72 335Wp		72 (Full Cells)	1500	25.01.2023	24.01.2025				
			DHOOP PP72 340Wp				25.01.2023	24.01.2025				
66	M/s. Sunify Solar LLP	Sr. 624 on N/H- 947, Village Sarvad TA Morbi-363660, Gujarat, India	89	ix	Multi C-Si Modules	DHOOP PP36 100 (100Wp)	DHOOP PP36 100Wp		36 (Cut Cells)	1500	25.01.2023	24.01.2025
							x				DHOOP PP36 110 (110Wp)	25.01.2023
				xi	Multi C-Si Modules	DHOOP PP36 120 (120Wp)	DHOOP PP36 120Wp		36 (Cut Cells)	1500	25.01.2023	24.01.2025
							xii				DHOOP PP36 150 (150Wp)	25.01.2023
				xiii	Multi C-Si Modules	DHOOP PP36 160 (160Wp)	DHOOP PP36 160Wp		36 (Full Cells)	1500	25.01.2023	24.01.2025
							xiv				DHOOP PP36 40 (40Wp)	25.01.2023
				xv	Multi C-Si Modules	DHOOP PP36 50 (50Wp)	DHOOP PP36 50Wp		36 (Cut Cells)	1500	25.01.2023	24.01.2025
							xvi				DHOOP PP36 60 (60Wp)	25.01.2023
				xvii	Multi C-Si Modules	DHOOP PP36 75 (75Wp)	DHOOP PP36 75Wp		36 (Cut Cells)	1500	25.01.2023	24.01.2025
							xviii				DHOOP PP36 80 (80Wp)	25.01.2023
				i	Multi C-Si Modules	SS72F330P (330 Wp)	SS72F315P		72 (Full Cell)	1500	25.01.2023	24.01.2025
							SS72F320P				25.01.2023	24.01.2025
							SS72F325P				25.01.2023	24.01.2025
							SS72F330P				25.01.2023	24.01.2025
				ii	Multi C-Si Modules	SS66F290P (290 Wp)	SS66F280P		66 (Full Cell)	1500	25.01.2023	24.01.2025
							SS66F285P				25.01.2023	24.01.2025
							SS66F290P				25.01.2023	24.01.2025
							SS66F295P				25.01.2023	24.01.2025
iii	Multi C-Si Modules	SS60F255P (255 Wp)	SS66F300P		60 (Full Cell)	1500	25.01.2023	24.01.2025				
			SS60F250P				25.01.2023	24.01.2025				
			SS60F255P				25.01.2023	24.01.2025				
			SS60F260P				25.01.2023	24.01.2025				
iv	Multi C-Si Modules	SS60F265P (265 Wp)	SS60F265P		60 (Full Cell)	1500	25.01.2023	24.01.2025				
			SS60F270P				25.01.2023	24.01.2025				
v	Mono C-Si PERC Modules	SS72F385M (385 Wp)	SS72F370M		72 (Full Cell)	1500	25.01.2023	24.01.2025				
			SS72F375M				25.01.2023	24.01.2025				
			SS72F380M				25.01.2023	24.01.2025				
			SS72F385M				25.01.2023	24.01.2025				
vi	Mono C-Si PERC Modules	SS66F340M (340 Wp)	SS72F390M		66 (Full Cell)	1500	25.01.2023	24.01.2025				
			SS66F325M				25.01.2023	24.01.2025				
			SS66F330M				25.01.2023	24.01.2025				
			SS66F335M				25.01.2023	24.01.2025				
								25.01.2023	24.01.2025			
								25.01.2023	24.01.2025			

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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				
				vii	Mono C-Si PERC Modules	SS60F310M (310 Wp)	SS66F350M		60 (Full Cell)	1500	25.01.2023	24.01.2025				
							SS66F355M				25.01.2023	24.01.2025				
							SS60F295M				25.01.2023	24.01.2025				
							SS60F300M				25.01.2023	24.01.2025				
							SS60F305M				25.01.2023	24.01.2025				
							SS60F310M				25.01.2023	24.01.2025				
							SS60F315M				25.01.2023	24.01.2025				
							SS60F320M				25.01.2023	24.01.2025				
							SS60F325M				25.01.2023	24.01.2025				
							SS144C375M				25.01.2023	24.01.2025				
							SS144C380M				25.01.2023	24.01.2025				
							SS144C385M				25.01.2023	24.01.2025				
				SS144C390M		25.01.2023	24.01.2025									
				viii	Mono C-Si PERC Modules	SS144C390M (390 Wp)	SS144C390M		144 (Half Cut Cell)	1500	25.01.2023	24.01.2025				
							SS144C390M				25.01.2023	24.01.2025				
							SS144C390M				25.01.2023	24.01.2025				
							SS144C390M				25.01.2023	24.01.2025				
				ix	Mono c-Si PERC Module	SS132C490M (490 Wp)	SS132C480M	20.21	132 (Half Cut Cell)	1500	25.01.2023	24.01.2025				
							SS132C485M	20.42			25.01.2023	24.01.2025				
							SS132C490M	20.64			25.01.2023	24.01.2025				
							SS132C495M	20.85			25.01.2023	24.01.2025				
				x	Mono c-Si PERC Module	SS144C505M (505 Wp)	SS132C500M	21.06	144 (Half Cut Cell)	1500	25.01.2023	24.01.2025				
							SS144C505M	19.55			25.01.2023	24.01.2025				
							SS144C510M	19.74			25.01.2023	24.01.2025				
							SS144C515M	19.94			25.01.2023	24.01.2025				
				xi	Mono c-Si PERC Module	SS144C535M (535 Wp)	SS144C520M	20.13	144 (Half Cut Cell)	1500	25.01.2023	24.01.2025				
							SS144C525M	20.32			25.01.2023	24.01.2025				
							SS144C530M	20.52			25.01.2023	24.01.2025				
							SS144C535M	20.71			25.01.2023	24.01.2025				
							SS144C540M	20.9			25.01.2023	24.01.2025				
							SS144C545M	21.1			25.01.2023	24.01.2025				
							SS144C550M	21.29			25.01.2023	24.01.2025				
							SS144C555M	21.48			25.01.2023	24.01.2025				
							SS144C560M	21.68			25.01.2023	24.01.2025				
							SS156C565M	20.21			25.01.2023	24.01.2025				
				xii	Mono c-Si PERC Module	SS156C565M (565 Wp)	SS156C570M	20.39	156 (Half Cut Cell)	1500	25.01.2023	24.01.2025				
							SS156C575M	20.57			25.01.2023	24.01.2025				
							SS156C580M	20.75			25.01.2023	24.01.2025				
							SS156C585M	20.93			25.01.2023	24.01.2025				
				67	M/s. Unique Sun Power LLP	Bl. No. 2281/2/1/1, Sub Plot 1-A, Tadkeshwar, Near Areth Minnor Canal, Mandvi, Surat, Gujarat-394170, India	43	i	Multi C-Si Modules	SUN36P075 (75 Wp)	SUN36P075		36 (Cut Cell)	600	25.01.2023	24.01.2025
								ii	Multi C-Si Modules	SUN36P100 (100 Wp)	SUN36P100		36 (Cut Cell)	600	25.01.2023	24.01.2025
								iii	Multi C-Si Modules	SUN36P150 (150 Wp)	SUN36P150		36 (Cut Cell)	600	25.01.2023	24.01.2025
								iv	Multi C-Si Modules	SUN36P160 (160Wp)	SUN36P155		36 (Full Cell)	1000	25.01.2023	24.01.2025
											SUN36P160				25.01.2023	24.01.2025
											SUN36P165				25.01.2023	24.01.2025
								v	Multi C-Si Modules	SUN48P210 (210 Wp)	SUN48P205		48 (Full Cell)	1000	25.01.2023	24.01.2025
											SUN48P210				25.01.2023	24.01.2025
											SUN48P220				25.01.2023	24.01.2025
vi	Multi C-Si Modules	SUN60P265 (265 Wp)	SUN60P260						60 (Full Cell)	1500	25.01.2023	24.01.2025				
			SUN60P265								25.01.2023	24.01.2025				
			SUN60P270								25.01.2023	24.01.2025				
			SUN60P275								25.01.2023	24.01.2025				
vii	Multi C-Si Modules	SUN72P325 (325 Wp)	SUN72P310						72 (Full Cell)	1500	25.01.2023	24.01.2025				
			SUN72P315								25.01.2023	24.01.2025				
			SUN72P320								25.01.2023	24.01.2025				
			SUN72P325								25.01.2023	24.01.2025				
			SUN72P330								25.01.2023	24.01.2025				
			SUN72P333								25.01.2023	24.01.2025				
SUN72P335		25.01.2023	24.01.2025													

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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				
				viii	Mono PERC C-Si Module	SUN144P535 (535 Wp)	SUN144P550	21.34	144 (Half Cut Cell)	1500	25.01.2023	24.01.2025				
							SUN144P545	21.14			25.01.2023	24.01.2025				
							SUN144P540	20.95			25.01.2023	24.01.2025				
							SUN144P535	20.76			25.01.2023	24.01.2025				
							SUN144P530	20.56			25.01.2023	24.01.2025				
							SUN144P525	20.37			25.01.2023	24.01.2025				
				ix	Mono PERC C-Si Module	SUN120P445 (445 Wp)	SUN144P520	20.18	120 (Half Cut Cell)	1500	SUN120P465	21.45	25.01.2023	24.01.2025		
							SUN120P460	21.23			25.01.2023	24.01.2025				
							SUN120P455	21.01			25.01.2023	24.01.2025				
							SUN120P450	20.79			25.01.2023	24.01.2025				
							SUN120P445	20.55			25.01.2023	24.01.2025				
							SUN120P440	20.3			25.01.2023	24.01.2025				
				x	Mono PERC C-Si Module	SUN108P410 (410 Wp)	SUN120P435	20.07	108 (Half Cut Cell)	1500	SUN108P420	21.43	25.01.2023	24.01.2025		
							SUN108P415	21.16			25.01.2023	24.01.2025				
							SUN108P410	20.9			25.01.2023	24.01.2025				
							SUN108P405	20.65			25.01.2023	24.01.2025				
							SUN108P400	20.39			25.01.2023	24.01.2025				
							ASM560				25.01.2023	24.01.2025				
				68	M/s. Ankur Traders & Engineers Private Limited	D-130, B.S. Road, Industrial Area, Ghaziabad-201009, Uttar Pradesh	45	i	Mono PERC C-Si Module	ASM585(585 Wp)	ASM565		156 (Half Cut Cells)	1500	25.01.2023	24.01.2025
											ASM570				25.01.2023	24.01.2025
											ASM575				25.01.2023	24.01.2025
ASM580		25.01.2023	24.01.2025													
ASM585		25.01.2023	24.01.2025													
ASM505		25.01.2023	24.01.2025													
ii	Mono PERC C-Si Module	ASM530 (530 Wp)	ASM510						144 (Half Cut Cells)	1500	ASM515		25.01.2023	24.01.2025		
			ASM520								25.01.2023	24.01.2025				
			ASM525								25.01.2023	24.01.2025				
			ASM530								25.01.2023	24.01.2025				
			ASM535								25.01.2023	24.01.2025				
			ASM540								25.01.2023	24.01.2025				
iii	Mono PERC C-Si Module	ASM480 (480 Wp)	ASM545						132 (Half Cut Cells)	1500	ASM550		25.01.2023	24.01.2025		
			ASM550								25.01.2023	24.01.2025				
			ASM500								25.01.2023	24.01.2025				
			ASM495		25.01.2023	24.01.2025										
			ASM490		25.01.2023	24.01.2025										
			ASM485		25.01.2023	24.01.2025										
iv	Mono PERC C-Si Module	ASM430 (430 Wp)	ASM480		120 (Half Cut Cells)	1500	ASM475		25.01.2023	24.01.2025						
			ASM470				25.01.2023	24.01.2025								
			ASM465				25.01.2023	24.01.2025								
			ASM460				25.01.2023	24.01.2025								
			ASM450				25.01.2023	24.01.2025								
			ASM445				25.01.2023	24.01.2025								
v	Mono PERC C-Si Module	ASM260 (260 Wp)	ASM440		72 (Half Cut Cells)	1500	ASM435		25.01.2023	24.01.2025						
			ASM430				25.01.2023	24.01.2025								
			ASM425				25.01.2023	24.01.2025								
			ASM420				25.01.2023	24.01.2025								
			ASM415				25.01.2023	24.01.2025								
			ASM410				25.01.2023	24.01.2025								
vi	Mono PERC C-Si Module	ASM130 (130 Wp)	ASM250		36 (Half Cut Cells)	1500	ASM255		25.01.2023	24.01.2025						
			ASM260				25.01.2023	24.01.2025								
			ASM270				25.01.2023	24.01.2025								
							ASM125		25.01.2023	24.01.2025						
							ASM130		25.01.2023	24.01.2025						

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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	
				iv	Mono PERC Bifacial C-Si Module	CS-QB650-132 (650 Wp)	CS-QB645-132		132 (Half Cut Cell)	1500	25.01.2023	24.01.2025	
							CS-QB640-132				25.01.2023	24.01.2025	
							CS-QB635-132				25.01.2023	24.01.2025	
							CS-QB630-132				25.01.2023	24.01.2025	
							CS-QB625-132				25.01.2023	24.01.2025	
				v	Mono PERC Bifacial C-Si Module	CS-QB575-120 (575 Wp)	CS-QB620-132		120 (Half Cut Cell)	1500	CS-QB590-120	25.01.2023	24.01.2025
							CS-QB585-120				25.01.2023	24.01.2025	
							CS-QB580-120				25.01.2023	24.01.2025	
							CS-QB575-120				25.01.2023	24.01.2025	
							CS-QB570-120				25.01.2023	24.01.2025	
							CS-QB565-120				25.01.2023	24.01.2025	
							CS-QB560-120				25.01.2023	24.01.2025	
				vi	Mono PERC Bifacial C-Si Module	CS-QB525-110 (525 Wp)	CS-QB555-120		110 (Half Cut Cell)	1500	CS-QB550-120	25.01.2023	24.01.2025
							CS-QB540-110				25.01.2023	24.01.2025	
							CS-QB535-110				25.01.2023	24.01.2025	
							CS-QB530-110				25.01.2023	24.01.2025	
							CS-QB525-110				25.01.2023	24.01.2025	
							CS-QB520-110				25.01.2023	24.01.2025	
							CS-QB515-110				25.01.2023	24.01.2025	
				vii	Mono PERC C-Si Module	CS-HN525-144 (525 Wp)	CS-QB510-110		144 (Half Cut Cell)	1500	CS-QB505-110	25.01.2023	24.01.2025
							CS-QB500-110				25.01.2023	24.01.2025	
							CS-HN550-144				25.01.2023	24.01.2025	
							CS-HN545-144				25.01.2023	24.01.2025	
							CS-HN540-144				25.01.2023	24.01.2025	
							CS-HN535-144				25.01.2023	24.01.2025	
							CS-HN530-144				25.01.2023	24.01.2025	
							CS-HN525-144				25.01.2023	24.01.2025	
							CS-HN520-144				25.01.2023	24.01.2025	
							CS-HN515-144				25.01.2023	24.01.2025	
				viii	Multi C-Si Module	CS-SN325-144 (325 Wp)	CS-HN510-144		144 (Half Cut Cell)	1500	CS-HN505-144	25.01.2023	24.01.2025
							CS-HN500-144				25.01.2023	24.01.2025	
							CS-SN340-144				25.01.2023	24.01.2025	
							CS-SN335-144				25.01.2023	24.01.2025	
							CS-SN330-144				25.01.2023	24.01.2025	
							CS-SN325-144				25.01.2023	24.01.2025	
				71	M/s Ganesh Electricals Pvt. Ltd	Survey No. 319/320/321, Tundali, Tundali approach road, Behind Honest Restaurant, Near Nadasan Flyover, Mehsna - 382732, Gujarat	69	i	Mono PERC C-Si Modules	SGM-390 (390 Wp)	CS-SN315-144		72 (Full Cell)
SGM-400	25.01.2023	24.01.2025											
SGM-395	25.01.2023	24.01.2025											
SGM-390	25.01.2023	24.01.2025											
SGM-385	25.01.2023	24.01.2025											
SGM-380	25.01.2023	24.01.2025											
ii	Mono PERC C-Si Modules	SGM-345 (345 Wp)	SGM-375						66 (Full Cell)	1500	SGM-370	25.01.2023	24.01.2025
			SGM-365								25.01.2023	24.01.2025	
iii	Mono PERC C-Si Modules	SGM-330 (330 Wp)	SGM-340						66 (Full Cell)	1500	SGM-330	25.01.2023	24.01.2025
			SGM-335								25.01.2023	24.01.2025	
iv	Mono PERC C-Si Modules	SGM-150 (150 Wp)	SGM-325						36 (Full Cell)	1500	SGM-320	25.01.2023	24.01.2025
			SGM-320								25.01.2023	24.01.2025	
v	Multi C-Si Modules	SG-315 (315 Wp)	SGM-315						72 (Full Cell)	1500	SG-310	25.01.2023	24.01.2025
			SG-310								25.01.2023	24.01.2025	
			SG-300								25.01.2023	24.01.2025	
			SG-330								25.01.2023	24.01.2025	
			SG-325								25.01.2023	24.01.2025	
vi	Multi C-Si Modules	SG-300Z (300 Wp)	SG-315						66 (Full Cell)	1500	SG-300Z	25.01.2023	24.01.2025
			SG-300Z								25.01.2023	24.01.2025	

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
				vii	Multi C-Si Modules	SG-250 (250 Wp)	SG-250		60 (Full Cell)	1500	25.01.2023	24.01.2025
				viii	Multi C-Si Modules	SG-200 (200 Wp)	SG-200		48 (Full Cell)	1500	25.01.2023	24.01.2025
				ix	Multi C-Si Modules	SG-200Z (200 Wp)	SG-200Z		42 (Full Cell)	1500	25.01.2023	24.01.2025
				x	Multi C-Si Modules	SG-150 (150 Wp)	SG-150		36 (Full Cell)	1500	25.01.2023	24.01.2025
72	M/s. HR Solar Solution Private Limited	Raghudebpur, NH-6, Panchla, Block-Uluberia-II, Uluberia, Howrah - 711322, West Bengal	62	i	Multi C-Si Modules	H315P72 (315 Wp)	H300P72		72 (Full Cell)	1500	25.01.2023	24.01.2025
							H305P72				25.01.2023	24.01.2025
							H310P72				25.01.2023	24.01.2025
							H315P72				25.01.2023	24.01.2025
							H320P72				25.01.2023	24.01.2025
				ii	Multi C-Si Modules	H335P72 (335 Wp)	H325P72		72 (Full Cell)	1500	25.01.2023	24.01.2025
							H330P72				25.01.2023	24.01.2025
							H335P72				25.01.2023	24.01.2025
				iii	Multi C-Si Modules	H155P36 (155 Wp)	H150P36		36 (Full Cell)	1500	25.01.2023	24.01.2025
							H155P36				25.01.2023	24.01.2025
						H160P36				25.01.2023	24.01.2025	
73	M/s. Innovative Solar Solutions	No. 102/C Shed, 2nd main Road, Machohalli, Bapagrama (Post) Bangalore-560072, Karnataka	24	i	Multi C-Si Modules	INV-P-24V-320wp	INV-P-24V-320wp		72 (Full Cell)	1500	25.01.2023	24.01.2025
				ii	Multi C-Si Modules	INV-P-24V-260wp	INV-P-24V-260wp		72 (Cut Cell)	1500	25.01.2023	24.01.2025
				iii	Multi C-Si Modules	INV-P-24V-200wp	INV-P-24V-200wp		72 (Cut Cell)	1500	25.01.2023	24.01.2025
				iv	Multi C-Si Modules	INV-P-20V-260wp	INV-P-20V-260wp		60 (Full Cell)	1500	25.01.2023	24.01.2025
				v	Multi C-Si Modules	INV-P-12V-160wp	INV-P-12V-160wp		36 (Full Cell)	1000	25.01.2023	24.01.2025
				vi	Multi C-Si Modules	INV-P-12V-125wp	INV-P-12V-125wp		36 (Cut Cell)	1000	25.01.2023	24.01.2025
				vii	Multi C-Si Modules	INV-P-12V-100wp	INV-P-12V-100wp		36 (Cut Cell)	1000	25.01.2023	24.01.2025
				viii	Multi C-Si Modules	INV-P-12V-80wp	INV-P-12V-80wp		36 (Cut Cell)	1000	25.01.2023	24.01.2025
				ix	Multi C-Si Modules	INV-P-12V-60wp	INV-P-12V-60wp		36 (Cut Cell)	1000	25.01.2023	24.01.2025
				x	Multi C-Si Modules	INV-P-12V-50wp	INV-P-12V-50wp		36 (Cut Cell)	1000	25.01.2023	24.01.2025
				xi	Multi C-Si Modules	INV-P-12V-40wp	INV-P-12V-40wp		36 (Cut Cell)	1000	25.01.2023	24.01.2025
74	M/s Plaza Power & Infrastructure Co	923/56, Village Katha, Baddi, Solan-173205, Himachal Pradesh	31	i	Multi C-Si Modules	PS36CPD040Wp (40 Wp)	PS36CPD040Wp		36 (Cut Cells)	600	25.01.2023	24.01.2025
				ii	Multi C-Si Modules	PS36CPD050Wp (50Wp)	PS36CPD050Wp		36 (Cut Cells)	600	25.01.2023	24.01.2025
				iii	Multi C-Si Modules	PS36CPD055Wp (55 Wp)	PS36CPD055Wp		36 (Cut Cells)	600	25.01.2023	24.01.2025
				iv	Multi C-Si Modules	PS36CPD060Wp (60Wp)	PS36CPD060Wp		36 (Cut Cells)	600	25.01.2023	24.01.2025
				v	Multi C-Si Modules	PS36CPD065Wp (65 Wp)	PS36CPD065Wp		36 (Cut Cells)	600	25.01.2023	24.01.2025
				vi	Multi C-Si Modules	PS36CPD070Wp (70 Wp)	PS36CPD070Wp		36 (Cut Cells)	600	25.01.2023	24.01.2025
				vii	Multi C-Si Modules	PS36CPD075Wp (75Wp)	PS36CPD075Wp		36 (Cut Cells)	600	25.01.2023	24.01.2025
				viii	Multi C-Si Modules	PS36CPD080Wp (80 Wp)	PS36CPD080Wp		36 (Cut Cells)	600	25.01.2023	24.01.2025
				ix	Multi C-Si Modules	PS36CPD090Wp (90 Wp)	PS36CPD090Wp		36 (Cut Cells)	600	25.01.2023	24.01.2025
				x	Multi C-Si Modules	PS36CPD100Wp (100Wp)	PS36CPD100Wp		36 (Cut Cells)	1000	25.01.2023	24.01.2025
						PS36CPD110Wp				25.01.2023	24.01.2025	

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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				
				xi	Multi C-Si Modules	PS36CPD115Wp (115 Wp)	PS36CPD115Wp PS36CPD120Wp		36 (Cut Cells)	1000	25.01.2023	24.01.2025				
				xii	Multi C-Si Modules	PS36CPD130Wp (130Wp)	PS36CPD125Wp PS36CPD130Wp		36 (Cut Cells)	1000	25.01.2023	24.01.2025				
				xiii	Multi C-Si Modules	PS36CPD140Wp (140 Wp)	PS36CPD140Wp		36 (Cut Cells)	1000	25.01.2023	24.01.2025				
				xiv	Multi C-Si Modules	PS36FP155Wp (155 Wp)	PS36FP150Wp PS36FP155Wp PS36FP160Wp		36 (Full Cells)	1000	25.01.2023	24.01.2025				
				xv	Multi C-Si Modules	PS36FP165Wp (165Wp)	PS36FP165Wp		36 (Full Cells)	1000	25.01.2023	24.01.2025				
				xvi	Multi C-Si Modules	PS36FPD155Wp (155 Wp)	PS36FPD150Wp PS36FPD155Wp PS36FPD160Wp		36 (Full Cells)	1000	25.01.2023	24.01.2025				
				xvii	Multi C-Si Modules	PS60FPD250Wp (260 Wp)	PS60FPD250Wp PS60FPD255Wp PS60FPD260Wp PS60FPD265Wp PS60FPD270Wp		60 (Full Cells)	1500	25.01.2023	24.01.2025				
				xviii	Multi C-Si Modules	PS60FP250Wp (260 Wp)	PS60FP250Wp PS60FP255Wp PS60FP260Wp PS60FP265Wp PS60FP270Wp		60 (Full Cells)	1500	25.01.2023	24.01.2025				
				xix	Multi C-Si Modules	PS72FP320Wp (320 Wp)	PS72FP305Wp PS72FP310Wp PS72FP315Wp PS72FP320Wp PS72FP325Wp PS72FP330Wp PS72FP335Wp		72 (Full Cells)	1500	25.01.2023	24.01.2025				
				xx	Multi C-Si Modules	PS72FPD315Wp (315 Wp)	PS72FPD300Wp PS72FPD305Wp PS72FPD310Wp PS72FPD315Wp PS72FPD320Wp PS72FPD325Wp PS72FPD330Wp		72 (Full Cells)	1500	25.01.2023	24.01.2025				
				xxi	Mono C-Si Modules	PS72FMP360Wp (360Wp)	PS72FMP355Wp PS72FMP360Wp PS72FMP370Wp		72 (Full Cells)	1500	25.01.2023	24.01.2025				
				xxii	Mono C-Si Modules	PS72FMP390Wp (390 Wp)	PS72FMP380Wp PS72FMP390Wp PS72FMP395Wp		72 (Full Cells)	1500	25.01.2023	24.01.2025				
				75	M/s Urjastrot Enterprise Pvt Ltd	Survey No. 47, Nr. Ramdev Pir Temple, Bedwa, Anand- 388320, Gujarat	43	i	Mono PERC C-Si Modules	USEL380MP72 (380 Wp)	USEL365MP72		72 (Full Cell)	1500	25.01.2023	24.01.2025
											USEL370MP72				25.01.2023	24.01.2025
											USEL375MP72				25.01.2023	24.01.2025
											USEL380MP72				25.01.2023	24.01.2025
											USEL385MP72				25.01.2023	24.01.2025
											USEL390MP72				25.01.2023	24.01.2025
											USEL395MP72				25.01.2023	24.01.2025
											USEL305P72				25.01.2023	24.01.2025
											USEL310P72				25.01.2023	24.01.2025
											USEL315P72				25.01.2023	24.01.2025
ii	Multi C-Si Modules	USEL320P72 (320 Wp)	USEL320P72		72 (Full Cell)	1500	25.01.2023	24.01.2025								
			USEL325P72				25.01.2023	24.01.2025								
			USEL330P72				25.01.2023	24.01.2025								
			USEL335P72				25.01.2023	24.01.2025								
			USEL335P72				25.01.2023	24.01.2025								
76	M/s. Fujiyama Power Systems Private Limited	Plot No. 51,52 Sector-Ecotech-1, Ecotech Extn-1, Greater Noida, Gautam Buddha Nagar, Uttar Pradesh	95	i	Mono PERC C-Si Modules	UTL530-72M (530 Wp)	UTL540-72M		72 (Full Cell)	1500 V	27.02.2023	26.02.2025				
							UTL535-72M				27.02.2023	26.02.2025				
							UTL530-72M				27.02.2023	26.02.2025				
							UTL525-72M				27.02.2023	26.02.2025				
							UTL525-72M				27.02.2023	26.02.2025				

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
				ii	Mono PERC C-Si Modules	UTL530-144M (530 Wp)	UTL520-72M		144 (Half Cut Cell)	1500 V	27.02.2023	26.02.2025
			UTL540-144M					27.02.2023			26.02.2025	
			UTL535-144M					27.02.2023			26.02.2025	
			UTL530-144M					27.02.2023			26.02.2025	
			UTL525-144M					27.02.2023			26.02.2025	
				iii	Mono PERC C-Si Modules	UTL435-72M (435 Wp)	UTL520-144M		72 (Full Cell)	1500 V	27.02.2023	26.02.2025
			UTL440-72M					27.02.2023			26.02.2025	
			UTL435-72M					27.02.2023			26.02.2025	
			UTL430-72M					27.02.2023			26.02.2025	
				iv	Mono PERC C-Si Modules	UTL435-144M (435 Wp)	UTL425-72M		144 (Half Cut Cell)	1500 V	27.02.2023	26.02.2025
			UTL440-144M					27.02.2023			26.02.2025	
			UTL435-144M					27.02.2023			26.02.2025	
			UTL430-144M					27.02.2023			26.02.2025	
				v	Mono PERC C-Si Modules	UTL395-72MI (395 Wp)	UTL425-144M		72 (Full Cell)	1500 V	27.02.2023	26.02.2025
			UTL400-72MI					27.02.2023			26.02.2025	
			UTL395-72MI					27.02.2023			26.02.2025	
			UTL385-72MI					27.02.2023			26.02.2025	
				vi	Mono PERC C-Si Modules	UTL395-72M (395 Wp)	UTL380-72MI		72 (Full Cell)	1500 V	27.02.2023	26.02.2025
			UTL400-72M					27.02.2023			26.02.2025	
			UTL395-72M					27.02.2023			26.02.2025	
			UTL390-72M					27.02.2023			26.02.2025	
				vii	Multi- C-Si Modules	UTL335-72PI (335 Wp)	UTL385-72M		72 (Full Cell)	1500 V	27.02.2023	26.02.2025
			UTL335-72PI					27.02.2023			26.02.2025	
				viii	Multi- C-Si Modules	UTL335-72P (335 Wp)	UTL330-72PI		72 (Full Cell)	1500 V	27.02.2023	26.02.2025
			UTL330-72P					27.02.2023			26.02.2025	
				ix	Multi- C-Si Modules	UTL270-60PI (270 Wp)	UTL275-60PI		60 (Full Cell)	1500 V	27.02.2023	26.02.2025
			UTL270-60PI					27.02.2023			26.02.2025	
				x	Multi- C-Si Modules	UTL270-60P (270 Wp)	UTL265-60PI		60 (Full Cell)	1500 V	27.02.2023	26.02.2025
			UTL275-60P					27.02.2023			26.02.2025	
				xi	Mono PERC C-Si Modules	UTL195-36MI (195 Wp)	UTL265-60P		36 (Full Cell)	1500 V	27.02.2023	26.02.2025
			UTL200-36MI					27.02.2023			26.02.2025	
				xii	Mono PERC C-Si Modules	UTL200-36M (200 Wp)	UTL195-36MI		36 (Full Cell)	1500 V	27.02.2023	26.02.2025
			UTL190-36MI					27.02.2023			26.02.2025	
				xiii	Multi- C-Si Modules	UTL160-36PI (160 Wp)	UTL205-36M		36 (Full Cell)	1500 V	27.02.2023	26.02.2025
			UTL200-36M					27.02.2023			26.02.2025	
				iv	Multi- C-Si Modules	UTL150-36PI (150 Wp)	UTL195-36M		36 (Full Cell)	1500 V	27.02.2023	26.02.2025
			UTL190-36M					27.02.2023			26.02.2025	
				v	Multi- C-Si Modules	UTL160-36P (160 Wp)	UTL165-36PI		36 (Full Cell)	1500 V	27.02.2023	26.02.2025
			UTL160-36P					27.02.2023			26.02.2025	
				vi	Multi- C-Si Modules	UTL150-36P (150 Wp)	UTL155-36P		36 (Full Cell)	1500 V	27.02.2023	26.02.2025
			UTL150-36P					27.02.2023			26.02.2025	
				vii	Multi- C-Si Modules	UTL125-36PI (125 Wp)	UTL110-36P		36 (Cut Cell)	1500 V	27.02.2023	26.02.2025
			UTL125-36PI					27.02.2023			26.02.2025	
				viii	Multi- C-Si Modules	UTL125-36P (125 Wp)	UTL110-36P		36 (Cut Cell)	1500 V	27.02.2023	26.02.2025
			UTL125-36P					27.02.2023			26.02.2025	
				xix	Multi- C-Si Modules	UTL105-36P (105 Wp)	UTL110-36P		36 (Cut Cell)	1500 V	27.02.2023	26.02.2025
			UTL105-36P					27.02.2023			26.02.2025	
							UTL100-36P				27.02.2023	26.02.2025

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
				xx	Multi- C-Si Modules	UTL105-36PI (105 Wp)	UTL110-36PI UTL105-36PI UTL100-36PI		36 (Cut Cell)	1500 V	27.02.2023 27.02.2023 27.02.2023	26.02.2025 26.02.2025 26.02.2025
				xxi	Multi- C-Si Modules	UTL85-36PI (85 Wp)	UTL85-36PI		36 (Cut Cell)	1500 V	27.02.2023 27.02.2023	26.02.2025 26.02.2025
				xxii	Multi- C-Si Modules	UTL80-36PI (80 Wp)	UTL80-36PI		36 (Cut Cell)	1500 V	27.02.2023 27.02.2023	26.02.2025 26.02.2025
				xxiii	Multi- C-Si Modules	UTL85-36P (85 Wp)	UTL85-36P		36 (Cut Cell)	1500 V	27.02.2023 27.02.2023	26.02.2025 26.02.2025
				xiv	Multi- C-Si Modules	UTL80-36P (80 Wp)	UTL80-36P		36 (Cut Cell)	1500 V	27.02.2023 27.02.2023	26.02.2025 26.02.2025
				xv	Multi- C-Si Modules	UTL75-36P (75 Wp)	UTL75-36P		36 (Cut Cell)	1500 V	27.02.2023 27.02.2023	26.02.2025 26.02.2025
				xvi	Multi- C-Si Modules	UTL75-36PI (75 Wp)	UTL75-36PI		36 (Cut Cell)	1500 V	27.02.2023 27.02.2023	26.02.2025 26.02.2025
				xvii	Multi- C-Si Modules	UTL60-36P (60 Wp)	UTL60-36P		36 (Cut Cell)	1500 V	27.02.2023 27.02.2023	26.02.2025 26.02.2025
				xviii	Multi- C-Si Modules	UTL60-36PI (60 Wp)	UTL60-36PI		36 (Cut Cell)	1500 V	27.02.2023 27.02.2023	26.02.2025 26.02.2025
				xxix	Multi- C-Si Modules	UTL55-36PI (55 Wp)	UTL55-36PI		36 (Cut Cell)	1500 V	27.02.2023 27.02.2023	26.02.2025 26.02.2025
				xxx	Multi- C-Si Modules	UTL50-36PI (50 Wp)	UTL50-36PI		36 (Cut Cell)	1500 V	27.02.2023 27.02.2023	26.02.2025 26.02.2025
				xxxi	Multi- C-Si Modules	UTL50-36P (50 Wp)	UTL50-36P		36 (Cut Cell)	1500 V	27.02.2023 27.02.2023	26.02.2025 26.02.2025
				xxxii	Multi- C-Si Modules	UTL45-36PI (45 Wp)	UTL45-36PI		36 (Cut Cell)	1500 V	27.02.2023 27.02.2023	26.02.2025 26.02.2025
				xxxiii	Multi- C-Si Modules	UTL40-36P (40 Wp)	UTL40-36P		36 (Cut Cell)	1500 V	27.02.2023 27.02.2023	26.02.2025 26.02.2025
				77	M/s. Genus Innovation Limited	SPL-2B, RIICO Industrial Area, Tonk Road, Sitapur, Jaipur-302022, Rajasthan	22	i	Mono PERC C-Si Module	GM375F72 (375 Wp)	GM360F72 GM365F72 GM370F72 GM375F72 GM380F72 GM385F72 GM390F72	
				ii	Multi C-Si Module	GI320F72 (320 Wp)	GI305F72 GI310F72 GI315F72 GI320F72 GI325F72 GI330F72 GI335F72		72 (Full Cells)	1500	27.02.2023 27.02.2023 27.02.2023 27.02.2023 27.02.2023 27.02.2023 27.02.2023	26.02.2025 26.02.2025 26.02.2025 26.02.2025 26.02.2025 26.02.2025 26.02.2025
				iii	Multi C-Si Module	GI165F36 (165 Wp)	GI165F36 GI170F36		36 (Full Cells)	1000	27.02.2023 27.02.2023	26.02.2025 26.02.2025
				iv	Multi C-Si Module	GI150F36 (150 Wp)	GI150F36		36 (Full Cells)	1000	27.02.2023 27.02.2023	26.02.2025 26.02.2025
78	M/s. Spark Solar Technologies Pvt. Ltd.	N-4, Rajlaxmi Hitech Textile Park, Sonale Village, Off. Mumbai Nasik Highway Bhiwandi, Thane-421302, Maharashtra	42	i	Mono PERC C-Si Modules	SS 535-144R M10 (535 Wp)	SS 545-144R M10 SS 540-144R M10 SS 535-144R M10 SS 530-144R M10 SS 525-144R M10 SS 500-132R M10	21.12 20.92 20.73 20.54 20.34	144 (Half Cut Cell)	1500	31.05.2023 31.05.2023 31.05.2023 31.05.2023 31.05.2023 31.05.2023	30.05.2027 30.05.2027 30.05.2027 30.05.2027 30.05.2027 30.05.2027
				ii	Mono PERC C-Si Modules	SS 495-132R M10 (495 Wp)	SS 495-132R M10 SS 490-132R M10	21.06 20.85 20.64	132 (Half Cut Cell)	1500	31.05.2023 31.05.2023 31.05.2023	30.05.2027 30.05.2027 30.05.2027
79	M/s. Rhine Solar Limited	Killa No. 80/6, Janti Kalan Rd, Sersa, Kundli, Sonapat-131028, Haryana	43	i	Mono PERC C-Si Module	RSL72FM-380WP, (380 Wp)	RSL72FM-390WP RSL72FM-380WP RSL72FM-370WP	19.6 19.4 19.2	72 (Full Cell)	1500	31.05.2023 31.05.2023 31.05.2023	30.05.2027 30.05.2027 30.05.2027
80	M/s Swelect HHV Solar	SF – No. 169/1-2 , 168/3A-3E,169/4-	153				SWM11BN6540	20.77			31.05.2023	30.05.2027

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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						
	Photovoltaics Pvt. Ltd	9,166/1B1B,166/1B2A-2E,166/1B2L,166/1B2M, Kuppapaalayam Village, Avinashi Taluk, Coimbatore-641107, Tamil Nadu		i	Mono-PERC C-Si Module	SWM11BN6520 (520 Wp)	SWM11BN6535	20.57	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027						
							SWM11BN6530	20.38			31.05.2023	30.05.2027						
							SWM11BN6525	20.19			31.05.2023	30.05.2027						
							SWM11BN6520	20			31.05.2023	30.05.2027						
							SWM11BN6515	19.81			31.05.2023	30.05.2027						
							SWM11BN6510	19.62			31.05.2023	30.05.2027						
							SWM11BN6505	19.42			31.05.2023	30.05.2027						
							SWM11BN6500	19.23			31.05.2023	30.05.2027						
				ii	Mono-PERC C-Si Module	SWM11BN4475 (475 Wp)	SWM11BN4495	20.71	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027						
							SWM11BN4490	20.5			31.05.2023	30.05.2027						
							SWM11BN4485	20.29			31.05.2023	30.05.2027						
							SWM11BN4480	20.09			31.05.2023	30.05.2027						
							SWM11BN4475	19.87			31.05.2023	30.05.2027						
							SWM11BN4470	19.66			31.05.2023	30.05.2027						
							SWM11BN4465	19.46			31.05.2023	30.05.2027						
							SWM11BN4460	19.25			31.05.2023	30.05.2027						
				iii	Mono-PERC C-Si Module	SWM11BN2430 (430 Wp)	SWM11BN4455	19.04	120 (Half Cut Cell)	1500	31.05.2023	30.05.2027						
							SWM11BN2450	20.65			31.05.2023	30.05.2027						
							SWM11BN2445	20.42			31.05.2023	30.05.2027						
							SWM11BN2440	20.19			31.05.2023	30.05.2027						
							SWM11BN2435	19.96			31.05.2023	30.05.2027						
							SWM11BN2430	19.73			31.05.2023	30.05.2027						
							SWM11BN2425	19.5			31.05.2023	30.05.2027						
							SWM11BN2420	19.27			31.05.2023	30.05.2027						
				iv	Mono-PERC C-Si Module	SWM11BN0390 (390 Wp)	SWM11BN2415	19.04	108 (Half Cut Cell)	1500	31.05.2023	30.05.2027						
							SWM11BN0405	20.57			31.05.2023	30.05.2027						
							SWM11BN0400	20.32			31.05.2023	30.05.2027						
							SWM11BN0395	20.06			31.05.2023	30.05.2027						
							SWM11BN0390	19.81			31.05.2023	30.05.2027						
							SWM11BN0385	19.55			31.05.2023	30.05.2027						
							SWM11BN0380	19.3			31.05.2023	30.05.2027						
							SWM11BN0375	19.05			31.05.2023	30.05.2027						
				81	M/s. SAEL Solar Mfg Private Limited	Village-Hukumat Singh Wala, Moga Road, Ferozepur-142052, Punjab	141	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	19.4			31.05.2023	30.05.2027		
											SL72M6-390	19.64			31.05.2023	30.05.2027		
											SL72M6-395	19.9			31.05.2023	30.05.2027		
											SL72M6-400	20.15			31.05.2023	30.05.2027		
											SL72M6-405	20.4			31.05.2023	30.05.2027		
											INA-144MHC-WF-520	20.14			144 (Half Cut Cell)	1500	31.05.2023	30.05.2027
											INA-144MHC-WF-525	20.33					31.05.2023	30.05.2027
INA-144MHC-WF-530	20.53	31.05.2023	30.05.2027															
INA-144MHC-WF-535	20.72	31.05.2023	30.05.2027															
INA-144MHC-WF-540	20.91	31.05.2023	30.05.2027															
INA-144MHC-WF-545	21.11	31.05.2023	30.05.2027															
INA-144MHC-TF-520	20.14	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027													
INA-144MHC-TF-525	20.33			31.05.2023	30.05.2027													
INA-144MHC-TF-530	20.53			31.05.2023	30.05.2027													
INA-144MHC-TF-535	20.72			31.05.2023	30.05.2027													
INA-144MHC-TF-540	20.91			31.05.2023	30.05.2027													
INA-144MHC-TF-545	21.11			31.05.2023	30.05.2027													
INA-132MHC-WF-480	20.19			132 (Half Cut Cell)	1500	31.05.2023	30.05.2027											
INA-132MHC-WF-485	20.41					31.05.2023	30.05.2027											
INA-132MHC-WF-490	20.62	31.05.2023	30.05.2027															
82	M/s. Insolation Green Energy Pvt. Ltd	Khasra No 11/1, 1136/9, Chomu, Jatavali, Jaipur-302001, Rajasthan	167	i	Mono PERC c-Si Modules	INA-144MHC-WF-530	INA-144MHC-WF-520	20.14	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027						
							INA-144MHC-WF-525	20.33			31.05.2023	30.05.2027						
							INA-144MHC-WF-530	20.53			31.05.2023	30.05.2027						
ii	Bifacial Mono PERC c-Si Modules	INA-144MHC-TF-530	INA-144MHC-WF-535	20.72	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027										
			INA-144MHC-TF-540	20.91			31.05.2023	30.05.2027										
			INA-144MHC-TF-545	21.11			31.05.2023	30.05.2027										
iii	Mono PERC c-Si Modules	INA-132MHC-WF-490	INA-132MHC-WF-480	20.19	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027										
			INA-132MHC-WF-485	20.41			31.05.2023	30.05.2027										
			INA-132MHC-WF-490	20.62			31.05.2023	30.05.2027										

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 31.05.2023)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted 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
							INA-132MHC-WF-495	20.83			31.05.2023	30.05.2027
							INA-132MHC-WF-500	21.04			31.05.2023	30.05.2027
				iv	Bifacial Mono PERC c-Si Modules	INA-132MHC-TF-490	INA-132MHC-TF-480	20.19	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027
							INA-132MHC-TF-485	20.41			31.05.2023	30.05.2027
							INA-132MHC-TF-490	20.62			31.05.2023	30.05.2027
							INA-132MHC-TF-495	20.83			31.05.2023	30.05.2027
							INA-132MHC-TF-500	21.04			31.05.2023	30.05.2027
							INA-120MHC-WF-435	20.04			120 (Half Cut Cell)	1500
			v	Mono PERC c-Si Modules	INA-120MHC-WF-440	INA-120MHC-WF-440	20.27	31.05.2023	30.05.2027			
							INA-120MHC-WF-445	20.5	31.05.2023	30.05.2027		
							INA-120MHC-WF-450	20.73	31.05.2023	30.05.2027		
				vi	Bifacial Mono PERC c-Si Modules	INA-120MHC-TF-440	INA-120MHC-TF-435	20.04	120 (Half Cut Cell)	1500	31.05.2023	30.05.2027
							INA-120MHC-TF-440	20.27			31.05.2023	30.05.2027
							INA-120MHC-TF-445	20.5			31.05.2023	30.05.2027
							INA-120MHC-TF-450	20.73			31.05.2023	30.05.2027
				vii	Mono PERC c-Si Modules	INA-108MHC-WF-395	INA-108MHC-WF-390	19.86	108 (Half Cut Cell)	1500	31.05.2023	30.05.2027
							INA-108MHC-WF-395	20.11			31.05.2023	30.05.2027
							INA-108MHC-WF-400	20.37			31.05.2023	30.05.2027
							INA-108MHC-WF-405	20.62			31.05.2023	30.05.2027
				viii	Bifacial Mono PERC c-Si Modules	INA-108MHC-TF-395	INA-108MHC-TF-390	19.86	108 (Half Cut Cell)	1500	31.05.2023	30.05.2027
							INA-108MHC-TF-395	20.11			31.05.2023	30.05.2027
							INA-108MHC-TF-400	20.37			31.05.2023	30.05.2027
							INA-108MHC-TF-405	20.62			31.05.2023	30.05.2027

F. No. 283/54/2018- GRID SOLAR- Part (10)

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: 24th July, 2023

To,

M/s. Emmvee Photovoltaic Power Pvt. Ltd.,
Sy. No. 66-70/3, Pemmanahalli Village,
Sompura Hobli, Dabaspeta, Nelamangala Taluk,
Bengaluru Rural District, Karnataka
Email id: info@emmvee.in

Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Emmvee Photovoltaic Power Pvt. Ltd.- reg.

Sir,

This is in reference to the application received from M/s. Emmvee Photovoltaic Power Pvt. Ltd. requesting for provisional enlistment of its additional models in ALMM List-I

2. In this regard, the undersigned is directed to convey that in accordance with MNRE OM No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to **M/s. Emmvee Photovoltaic Power Pvt. Ltd.,** Sy. No. 66-70/3, Pemmanahalli Village, Sompura Hobli, Dabaspeta, Nelamangala Taluk, Bengaluru Rural District, Karnataka, in respect of 06 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

3. Neither Ministry of New & Renewable Energy (MNRE), Government of India and National Institute of Solar Energy (NISE), nor any of their officers, employees, representatives shall be liable for any loss, liability, damage or expense arising out of or in connection with the Solar PV Module Models which have been granted Provisional Enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, but fail to get Final enlistment in MNRE's ALMM List-I.

4. This is being issued with the approval of competent authority.

Yours faithfully,



(Sanjay G. Karndhar)

Scientist-E

Email: karndhar.sg@nic.in

Copy to: Director General, National Institute of Solar Energy (NISE).

Copy for internal circulation to: PPS to Secretary / PSO to JS (LB)

Copy to NIC, MNRE, for uploading on MNRE's Website as additional page(s) to the ALMM List-I hosted on MNRE's website.

Name of Manufacturer	Emmvee Photovoltaic Power Pvt. Ltd.
Plant Address	Sy. No. 66-70/3, Pemmanahalli Village, Sompura Hobli, Dabaspeta, Nelamangala Taluk, Bengaluru Rural District, Karnataka
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	525 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Remarks
1.	Mono c-Si PERC Module	E550HCMW144	E550HCMW144	21.29	144 Cut Cells	1500	Provisionally Enlisted in ALMM
2.	Mono c-Si PERC Module	E550HCBG144	E550HCBG144	21.29	144 Cut Cells	1500	
3.	Mono c-Si PERC Module	E395HCBG108	E385HCBG108	19.74	108 Cut Cells	1500	
			E390HCBG108	20			
			E395HCBG108	20.25			
			E400HCBG108	20.51			
			E405HCBG108	20.76			
4.	Mono c-Si PERC Module	E490HCBG132	E480HCBG132	20.18	132 Cut Cells	1500	
			E485HCBG132	20.40			
			E490HCBG132	20.61			
			E495HCBG132	20.82			
			E500HCBG132	21.03			
5.	Mono c-Si PERC Module	E395HCMW108	E385HCMW108	19.74	108 Cut Cells	1500	
			E390HCMW108	20			
			E395HCMW108	20.25			
			E400HCMW108	20.51			
			E405HCMW108	20.76			



S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Remarks
6.	Mono c-Si PERC Module	E490HCMW132	E480HCMW132	20.18	132 Cut Cells	1500	
			E485HCMW132	20.40			
			E490HCMW132	20.61			
			E495HCMW132	20.82			
			E500HCMW132	21.03			

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