

F. No. 283/54/2018-GRID SOLAR-Part(3)
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: 17th August, 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. 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%

3. Post 10.05.2023, only such models of Solar PV Modules have been considered for enlistment under ALMM List-I, whose module efficiency is equal to or greater than 19.00%.

4. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 was last updated on 03.08.2023.

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

6. This issues with the approval of competent authority.


(Ayush Gupta)

Scientist-B

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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 17.08.2023)

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					
				v	Mono Crystalline Silicon Module	PREXOS VSM DHT.72.445.05 (445Wp)	VSMH.72.400.05		144 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
							PREXOS VSM DHT.72.435.05					
							PREXOS VSM DHT.72.440.05					
							PREXOS VSM DHT.72.445.05					
				vi	Mono Crystalline Silicon Module	SOMERA VSMH.72.440.05 (440Wp)	PREXOS VSM DHT.72.450.05		144 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
							SOMERA VSMH.72.430.05					
							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					
							E350P72					
				ii	Multi C-Si Module	E280P60 (280 Wp)	E270P60		60 (Full Cells)	1500	10.03.2021	09.05.2023*
							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					
				iv	Mono PERC Module	E315M60 (315 Wp)	E390M72		60 (Full Cells)	1500	10.03.2021	09.05.2023*
							E395M72					
							E300M60					
							E305M60					
							E310M60					
							E315M60					
							E320M60					
i	Multi C-Si Module	DESERV 3M6-330 (330 Wp)	E325M60		72 (Full Cells)	1000	10.03.2021	09.05.2023*				
			E330M60									
			DESERV 3M6-315									
			DESERV 3M6-320									
			DESERV 3M6-325									
DESERV 3M6-330												

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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
							DESERV 3M6-335					
							DESERV 3M6-340					
							DESERV 3M6-345					
				ii	Multi C-Si Module	DESERV 3M6H-330 (330 Wp)	DESERV 3M6H-315		72 (Full Cells)	1500	10.03.2021	09.05.2023*
							DESERV 3M6H-320					
							DESERV 3M6H-325					
							DESERV 3M6H-330					
							DESERV 3M6H-335					
							DESERV 3M6H-340					
				iii	Multi C-Si Module	DESERV MGALACTIC-345 (345 Wp)	DESERV 3M6H-345		144 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
							DESERV MGALACTIC-330					
							DESERV MGALACTIC-335					
							DESERV MGALACTIC-340					
							DESERV MGALACTIC-345					
							DESERV MGALACTIC-350					
				iv	Mono C-Si Module	DESERV 356-360 (360 Wp)	DESERV MGALACTIC-355		72 (Full Cells)	1000	10.03.2021	09.05.2023*
							DESERV MGALACTIC-360					
							DESERV 356-345					
							DESERV 356-350					
							DESERV 356-355					
							DESERV 356-360					
				v	Mono C-Si Module	DESERV 356H-360 (360 Wp)	DESERV 356-365		72 (Full Cells)	1500	10.03.2021	09.05.2023*
							DESERV 356-370					
							DESERV 356-375					
DESERV 356H-345												
DESERV 356H-350												
DESERV 356H-355												
vi	Mono C-Si Module	DESERV SGALACTIC-375 (375 Wp)	DESERV 356H-360		144 (Half Cut Cells)	1500	10.03.2021	09.05.2023*				
			DESERV 356H-365									
			DESERV 356H-370									
			DESERV 356H-375									
			DESERV SGALACTIC-360									
			DESERV SGALACTIC-365									
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)	DESERV SGALACTIC-375		60 (Full Cells)	1500	10.03.2021	09.05.2023*
							DESERV SGALACTIC-380					
							DESERV SGALACTIC-385					
							DESERV SGALACTIC-390					
							SS27060MC					
				ii	Multi C-Si Module	SS33072MC (330 Wp)	SS27560MC		72 (Full Cells)	1500	10.03.2021	09.05.2023*
							SS28060MC					
							SS28560MC					
							SS29060MC					
							SS32072MC					
				iii	Mono PERC Module	SS31060MP (310 Wp)	SS32572MC		60 (Full Cells)	1500	10.03.2021	09.05.2023*
							SS33072MC					
							SS33572MC					
							SS34072MC					
							SS34572MC					
				iv	Mono PERC Module	SS38572MP (385 Wp)	SS30060MP		72 (Full Cells)	1500	10.03.2021	09.05.2023*
							SS30560MP					
							SS31060MP					
							SS31560MP					
							SS32060MP					
							SS32560MP					
							SS37072MP					
							SS37572MP					
							SS38072MP					
SS38572MP												

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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)	SS39072MP		144 (Half-Cut Cells)	1500	10.03.2021	09.05.2023*				
							SS39572MP									
							SS40072MP									
							SS510144HCMP									
							SS515144HCMP									
							SS520144HCMP									
				SS525144HCMP												
				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		60 (Full Cells)	1000	10.03.2021	09.05.2023*
								ii	Multi C-Si Module	APSAP6-300/72 (300 Wp)	APSAP6-300/72					
								iii	Multi C-Si Module	APSAP6-320/72 (320 Wp)	APSAP6-320/72					
iv	Multi C-Si Module	APSAP6-340/72 (340 Wp)	APSAP6-340/72													
v	Multi C-Si Modules	APSAP6-305/66, (305 Wp)	APSAP6-260/60						72 (Full Cells)	1000	10.03.2021	09.05.2023*				
			APSAP6-290/66													
			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	36 (Cut Cells)	600	10.03.2021	09.05.2023*					
				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		48 (Full Cells)	1000	10.03.2021	09.05.2023*				
							SES16210									
				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		72 (Full Cells)	1000	10.03.2021	09.05.2023*				
							SES24320									
				vii	Multi C-Si Module	SES24335 (335 Wp)	SES24325		72 (Full Cells)	1000	10.03.2021	09.05.2023*				
							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																
ECO 330																

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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	Mono C-Si Modules	ECO 355M (355 Wp)	ECO 340M		72 (Full Cells)	1000	10.03.2021	09.05.2023*
							ECO 345M					
							ECO 350M					
							ECO 355M					
							ECO 360M					
							ECO 365M					
				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					
							ECO 300H					
				vii	Multi C-Si Modules	ECO 340H, (340Wp)	ECO 305H		72 (Full Cells)	1500	10.03.2021	09.05.2023*
							ECO 310H					
				viii	Mono C-Si PERC Modules	ECO 195MH, (195Wp)	ECO 340H		36 (Full Cells)	1500	10.03.2021	09.05.2023*
							ECO 345H					
							ECO 190MH					
				ix	Mono C-Si PERC Modules	ECO 315MH, (315Wp)	ECO 195MH		60 (Full Cells)	1500	10.03.2021	09.05.2023*
							ECO 200MH					
							ECO 305MH					
							ECO 310MH					
							ECO 315MH					
							ECO 320MH					
				x	Mono C-Si PERC Modules	ECO 350MH, (350Wp)	ECO 325MH		66 (Full Cells)	1500	10.03.2021	09.05.2023*
							ECO 330MH					
							ECO 335MH					
							ECO 340MH					
							ECO 345MH					
							ECO 350MH					
				xi	Mono C-Si PERC Modules	ECO 390MH, (390Wp)	ECO 360MH		72 (Full Cells)	1500	10.03.2021	09.05.2023*
							ECO 365MH					
							ECO 380MH					
							ECO 385MH					
ECO 390MH												
8	Saatvik Green Energy Pvt. Ltd.	Dubli, Ambala, Haryana, India	510	i	Multi C-Si Modules	SGE 150-36P (150 Wp)	ECO 395MH		36 (Full Cells)	1000	10.03.2021	09.05.2023*
							ECO 400MH					
							SGE 160-36P					
							SGE 165-36P					
							SGE 170-36P					
ii	Multi C-Si Modules	SGE 165-36P (165 Wp)	SGE 200-48P		36 (Full Cells)	1000	10.03.2021	09.05.2023*				
			SGE 210-48P									
iii	Multi C-Si Modules	SGE 200-48P (200 Wp)	SGE 220-54P		48 (Full Cells)	1000	10.03.2021	09.05.2023*				
			SGE 225-54P									
iv	Multi C-Si Modules	SGE 230-54P (230 Wp)	SGE 230-54P		54 (Full Cells)	1000	10.03.2021	09.05.2023*				
			SGE 235-54P									
			SGE 240-54P									
			SGE 250-60P									
			SGE 255-60P									
v	Multi C-Si Modules	SGE 260-60P (260 Wp)	SGE 260-60P		60 (Full Cells)	1500	10.03.2021	09.05.2023*				

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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
				v	Multi C-Si Modules	SGE 265-60P (260 Wp)	SGE 265-60P		60 (Full Cells)	1500	10.03.2021	09.05.2023*
				vi	Multi C-Si Modules	SGE 275-60P (275 Wp)	SGE 270-60P SGE 275-60P		60 (Full Cells)	1500	10.03.2021	09.05.2023*
				vii	Multi C-Si Modules	SGE 315-72P (315 Wp)	SGE 300-72P SGE 305-72P SGE 310-72P SGE 315-72P SGE 320-72P SGE 325-72P SGE 330-72P		72 (Full Cells)	1500	10.03.2021	09.05.2023*
				viii	Multi C-Si Modules	SGE 340-72P (340 Wp)	SGE 335-72P SGE 340-72P SGE 345-72P		72 (Full Cells)	1500	10.03.2021	09.05.2023*
				ix	Mono C-Si Modules	SGE 185-36M (185 Wp)	SGE 180-36M SGE 185-36M SGE 190-36M		36 (Full Cells)	1000	10.03.2021	09.05.2023*
				x	Mono C-Si Modules	SGE 245-48M (245 Wp)	SGE 235-48M SGE 240-48M SGE 245-48M SGE 250-48M SGE 255-48M		48 (Full Cells)	1000	10.03.2021	09.05.2023*
				xi	Mono C-Si Modules	SGE 275-54M (275 Wp)	SGE 265-54M SGE 270-54M SGE 275-54M SGE 280-54M		54 (Full Cells)	1000	10.03.2021	09.05.2023*
				xii	Mono C-Si Modules	SGE 300-60M (300 Wp)	SGE 285-54M SGE 285-60M SGE 290-60M SGE 295-60M SGE 300-60M SGE 305-60M SGE 310-60M SGE 315-60M		60 (Full Cells)	1500	10.03.2021	09.05.2023*
				xiii	Mono C-Si Modules	SGE 370-72M (370 Wp)	SGE 355-72M SGE 360-72M SGE 365-72M SGE 370-72M SGE 375-72M SGE 380-72M SGE 385-72M		72 (Full Cells)	1500	10.03.2021	09.05.2023*
				xiv	Mono PERC C-Si Modules.	SGE570-156MHC (570 Wp)	SGE555-156MHC SGE560-156MHC SGE565-156MHC SGE570-156MHC SGE575-156MHC SGE580-156MHC SGE585-156MHC SGE590-156MHC		156 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
				xv	Mono PERC C-Si Modules.	SGE530-144MHC (530 Wp)	SGE520-144MHC SGE525-144MHC SGE530-144MHC SGE535-144MHC SGE540-144MHC SGE545-144MHC		144 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
				xvi	Mono PERC C-Si Modules.	SGE485-132MHC (485 Wp)	SGE470-132MHC SGE475-132MHC SGE480-132MHC SGE485-132MHC SGE490-132MHC		132 (Half Cut Cells)	1500	10.03.2021	09.05.2023*

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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
							SGE495-132MHC					
							SGE500-132MHC					
							SGE420-120MHC					
							SGE425-120MHC					
							SGE430-120MHC					
				xvii	Mono PERC C-Si Modules.	SGE440-120MHC, (440 Wp)	SGE435-120MHC		120 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
							SGE440-120MHC					
							SGE445-120MHC					
							SGE450-120MHC					
							SGE455-120MHC					
							SGE380-108MHC					
							SGE385-108MHC					
				xviii	Mono PERC C-Si Modules.	SGE395-108MHC, (395 Wp)	SGE390-108MHC		108 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
							SGE395-108MHC					
							SGE400-108MHC					
							SGE405-108MHC					
							SGE410-108MHC					
							SGE 390-72M					
				xix	Mono PERC C-Si Modules.	SGE 395-72M, (395 Wp)	SGE 395-72M		72 (Full Cell)	1500	10.03.2021	09.05.2023*
							SGE 400-72M					
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		72 (Full Cells)	1500	10.03.2021	09.05.2023*
							NSM355					
							NSM360					
							NSM365					
							NSM370					
							NSM375					
							NSM380					
							NSM320					
				ii	Mono C-Si PERC Modules	NSM330 (330 Wp)	NSM325		72 (Full Cells)	1500	10.03.2021	09.05.2023*
							NSM330					
							NSM335					
							NSM340					
							NSM300-60					
							NSM305-60					
				iii	Mono C-Si PERC Modules	NSM315-60 (315 Wp)	NSM310-60		60 (Full Cells)	1500	10.03.2021	09.05.2023*
							NSM315-60					
							NSM320-60					
							NSM325-60					
							NSM330-60					
							NSM275-60					
				iv	Mono C-Si PERC Modules	NSM285-60 (285 Wp)	NSM280-60		60 (Full Cells)	1500	10.03.2021	09.05.2023*
							NSM285-60					
							NSM290-60					
							NSM295-60					
							NSM250-60					
				v	Mono C-Si PERC Modules	NSM260-60 (260 Wp)	NSM255-60		60 (Full Cells)	1500	10.03.2021	09.05.2023*
							NSM260-60					
							NSM265-60					
							NSM325-66					
				vi	Mono C-Si PERC Modules	NSM340-66 (340 Wp)	NSM330-66		66 (Full Cells)	1500	10.03.2021	09.05.2023*
							NSM335-66					
							NSM340-66					
							NSM345-66					
							NSM350-66					
							NSM355-66					
							NSM295-66					
							NSM300-66					
				vii	Mono C-Si PERC Modules	NSM305-66 (305 Wp)	NSM305-66		66 (Full Cells)	1500	10.03.2021	09.05.2023*
							NSM310-66					
							NSM315-66					

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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 C-Si PERC Modules	NSM180-36 (180 Wp)	NSM320-66 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 NSA335 NSA340 NSA345		72 (Full Cells)	1500	10.03.2021	09.05.2023*
				xii	Multi C-Si Modules	NSA305 (305 Wp)	NSA295 NSA300 NSA305 NSA310		72 (Full Cells)	1500	10.03.2021	09.05.2023*
				xiii	Multi C-Si Modules	NSA310-66 (310 Wp)	NSA295-66 NSA300-66 NSA305-66 NSA310-66 NSA315-66 NSA320-66 NSA325-66		66 (Full Cells)	1500	10.03.2021	09.05.2023*
				xiv	Multi C-Si Modules	NSA280-66 (280 Wp)	NSA275-66 NSA280-66 NSA285-66 NSA290-66 NSA280-60		66 (Full Cells)	1500	10.03.2021	09.05.2023*
				xv	Multi C-Si Modules	NSA290-60 (290 Wp)	NSA285-60 NSA290-60 NSA295-60 NSA300-60		60 (Full Cells)	1500	10.03.2021	09.05.2023*
				xvi	Multi C-Si Modules	NSA265-60 (265 Wp)	NSA255-60 NSA260-60 NSA265-60 NSA270-60 NSA275-60		60 (Full Cells)	1500	10.03.2021	09.05.2023*
				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 NSA175-36F		36 (Full Cells)	1000	10.03.2021	09.05.2023*
				xix	Multi C-Si Modules	NSA155-36F (155 Wp)	NSA150-36F NSA155-36F		36 (Full Cells)	1000	10.03.2021	09.05.2023*
				xx	Multi C-Si Modules	NSA325-144 (325 Wp)	NSA310-144 NSA315-144 NSA320-144 NSA325-144 NSA330-144 NSA335-144 NSA340-144		144 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
				xxi	Multi C-Si Modules	NSA300-144 (300 Wp)	NSA300-144 NSA305-144		144 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
				xxii	Multi C-Si Modules	NSA165-36F (165 Wp)	NSA160-36F NSA165-36F		36 (Full Cells)	1000	10.03.2021	09.05.2023*
				xxiii	Multi C-Si Modules	NSA110-36 (110 Wp)	NSA110-36		36 (Cut Cells)	1000	10.03.2021	09.05.2023*
				xxiv	Multi C-Si Modules	NSA74-36 (74 Wp)	NSA74-36		36 (Cut Cells)	1000	10.03.2021	09.05.2023*

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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 PERC C-Si Module	NSM475-36 (74 Wp)	NSA75-36		36 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
				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*	
				xxvi	Mono PERC C-Si Module	NSM540-144 (540 Wp)	NSM585-156		144 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
			NSM525-144					10.03.2021			09.05.2023*	
			NSM530-144					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*	
				xxvii	Mono PERC C-Si Module	NSM500-132 (500 Wp)	NSM555-144		132 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
			NSM560-144					10.03.2021			09.05.2023*	
			NSM480-132					10.03.2021			09.05.2023*	
			NSM485-132					10.03.2021			09.05.2023*	
				xxviii	Mono PERC C-Si Module	NSM445-120 (445 Wp)	NSM490-132		120 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
			NSM495-132					10.03.2021			09.05.2023*	
			NSM500-132					10.03.2021			09.05.2023*	
			NSM435-120					10.03.2021			09.05.2023*	
			NSM440-120					10.03.2021			09.05.2023*	
				xix	Mono PERC C-Si Module	NSM400-108 (400 Wp)	NSM445-120		108 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
			NSM450-120					10.03.2021			09.05.2023*	
			NSM455-120					10.03.2021			09.05.2023*	
			NSM390-108					10.03.2021			09.05.2023*	
				xxx	Mono PERC C-Si Module	NSM360-96 (360 Wp)	NSM395-108		96 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
			NSM400-108					10.03.2021			09.05.2023*	
			NSM405-108					10.03.2021			09.05.2023*	
			NSM410-108					10.03.2021			09.05.2023*	
				xxxi	Mono PERC C-Si Module	NSM270-72 (270 Wp)	NSM350-96		72 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
			NSM355-96					10.03.2021			09.05.2023*	
			NSM360-96					10.03.2021			09.05.2023*	
			NSM365-96					10.03.2021			09.05.2023*	
				xxxii	Mono PERC C-Si Module	NSM470-156 (470 Wp)	NSM260-72		156 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
			NSM265-72					10.03.2021			09.05.2023*	
			NSM270-72					10.03.2021			09.05.2023*	
			NSM275-72					10.03.2021			09.05.2023*	
			NSM460-156					10.03.2021			09.05.2023*	
				xxxiii	Mono PERC C-Si Module	NSM450-144 (450 Wp)	NSM465-156		144 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
			NSM470-156					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*	
			NSM435-144					10.03.2021			09.05.2023*	
				xxxiv	Mono PERC C-Si Module	NSM405-132 (405 Wp)	NSM440-144		132 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
			NSM445-144					10.03.2021			09.05.2023*	
			NSM450-144					10.03.2021			09.05.2023*	
			NSM455-144					10.03.2021			09.05.2023*	
			NSM460-144					10.03.2021			09.05.2023*	
					Mono PERC C-Si Module	NSM360-120	NSM465-144		132 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
			NSM395-132					10.03.2021			09.05.2023*	
			NSM400-132					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*
							NSM360-120				10.03.2021	09.05.2023*

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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	Mono PERC C-Si Module	NSM370-120 (370 Wp)	NSM365-120		120 (Half Cut Cells)	1500	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*				
				xxxvii	Mono PERC C-Si Module	NSM290-96 (290 Wp)	NSM335-108		96 (Half Cut Cells)	1500	10.03.2021	09.05.2023*				
							NSM340-108				10.03.2021	09.05.2023*				
							NSM285-96				10.03.2021	09.05.2023*				
				xxxviii	Mono PERC C-Si Module	NSM215-72 (215 Wp)	NSM290-96		72 (Half Cut Cells)	1500	10.03.2021	09.05.2023*				
							NSM295-96				10.03.2021	09.05.2023*				
							NSM300-96				10.03.2021	09.05.2023*				
				ixl	Mono PERC C-Si Module	NSM385 (385 Wp)	NSM210-72		72 (Full Cells)	1500	10.03.2021	09.05.2023*				
							NSM215-72				10.03.2021	09.05.2023*				
							NSM220-72				10.03.2021	09.05.2023*				
				xl	Multi C-Si Module	NSA120-36 (120 Wp)	NSM225-72		36 (Cut Cells)	1500	10.03.2021	09.05.2023*				
							NSM390				10.03.2021	09.05.2023*				
							NSM395				10.03.2021	09.05.2023*				
				10	Jakson Engineers Ltd.	Plot No-25, Ecotech-III, Udyog Kendra, Greater NOIDA-201306, Gautam Budha Nagar, Uttar Pradesh, India.	500	i	Mono C-Si PERC Modules	JH-440M, (440Wp)	JH-400M	19.26	120 (Half-Cut Cells)	1500	17.08.2023	16.08.2027
											JH-425M	19.49				
											JH-430M	19.71				
JH-435M	19.94															
JH-440M	20.17															
JH-445M	20.40															
JH-450M	20.63															
JH-455M	20.86															
JH-460M	21.09															
ii	Mono C-Si PERC Modules	JH-490M, (490Wp)	JH-470M					19.66	132 (Half-Cut Cells)	1500	17.08.2023	16.08.2027				
			JH-475M					19.87								
			JH-480M					20.08								
			JH-485M					20.29								
			JH-490M					20.50								
			JH-495M					20.71								
iii	Mono C-Si PERC Modules	JH-535M, (535Wp)	JH-500M					20.92	144 (Half-Cut Cells)	1500	17.08.2023	16.08.2027				
			JH-505M					21.13								
			JH-510M					21.34								
			JH-515M					19.85								
			JH-520M					20.04								
			JH-525M					20.23								
iv	Mono C-Si PERC Modules	JH-580M, (580Wp)	JH-530M	20.43	156 (Half-Cut Cells)	1500	17.08.2023	16.08.2027								
			JH-535M	20.62												
			JH-540M	20.81												
			JH-545M	21.00												
			JH-550M	21.20												
			JH-555M	21.39												
JH-560M	19.96	20.14	JH-565M	20.14	156 (Half-Cut Cells)	1500	17.08.2023	16.08.2027								
			JH-570M	20.31												
			JH-575M	20.49												
			JH-580M	20.67												
			JH-585M	20.85												
			JH-590M	21.03												
JH-595M	21.21															
JH-600M	21.38															

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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	JP-H395M, (385Wp-405Wp)	JP-H385M JP-H390M JP-H395M JP-H400M JP-H405M	19.37 19.62 19.87 20.12 20.37	72 (Full Cells)	1500	17.08.2023	16.08.2027
				vi	Mono C-Si PERC Modules	JH-580M, (580Wp)	JH-380M JH-385M JH-390M JH-395M JH-400M JH-405M JH-410M JH-415M	19.28 19.53 19.79 20.04 20.29 20.55 20.88 21.06				
11	Himalayan Solar Pvt. Ltd.	HSIIDC Industrial Estate, Alipur Barwala, Panchkula, Haryana	41	i	Multi C-Si Modules	HIMSOL-00243 (300 Wp)	HIMSOL-85242 HIMSOL-85243 HIMSOL-72 HIMSOL-20243		72 (Full Cells)	1000	29.09.2021	28.09.2023
				ii	Multi C-Si Modules	HIMSOL-30243 (330 Wp)	HIMSOL-25243 HIMSOL-30243 HIMSOL-35243 HIMSOL-50242					
				iii	Multi C-Si Modules	HIMSOL-60 (260 Wp)	HIMSOL-60 HIMSOL-65242 HIMSOL-70242		60 (Full Cells)	1000	29.09.2021	28.09.2023
				iv	Multi C-Si Modules	HIMSOL-75242 (275 Wp)	HIMSOL-75242					
				v	Multi C-Si Modules	HIMSOL-72/275 (275 Wp)	HIMSOL-72/275		72 (Cut Cells)	1000	29.09.2021	28.09.2023
				vi	Multi C-Si Modules	HIMSOL-72/290 (290 Wp)	HIMSOL-72/280 HIMSOL-72/285 HIMSOL-72/290 HIMSOL-72/295 HIMSOL-72/300					
				vii	Multi C-Si Modules	HIMSOL-72/260 (260 Wp)	HIMSOL-72/250 HIMSOL-72/255 HIMSOL-72/260 HIMSOL-72/265 HIMSOL-72/270		72 (Cut Cells)	1000	29.09.2021	28.09.2023
				viii	Multi C-Si Modules	HIMSOL-24210 (210 Wp)	HIMSOL-24200 HIMSOL-24210 HIMSOL-24220					
				ix	Multi C-Si Modules	HIMSOL-12155 (155 Wp)	HIMSOL-12150 HIMSOL-12155 HIMSOL-12160		36 (Full Cells)	1000	29.09.2021	28.09.2023
				x	Multi C-Si Modules	HIMSOL-12120 (120 Wp)	HIMSOL-12115 HIMSOL-12120 HIMSOL-12125					
				xi	Multi C-Si Modules	HIMSOL-12105 (105 Wp)	HIMSOL-12100 HIMSOL-12105 HIMSOL-12110		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xii	Multi C-Si Modules	HIMSOL-1285 (85 Wp)	HIMSOL-1285					
				xiii	Multi C-Si Modules	HIMSOL-1280 (80 Wp)	HIMSOL-1280		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xiv	Multi C-Si Modules	HIMSOL-1275 (75 Wp)	HIMSOL-1275					
				xv	Multi C-Si Modules	HIMSOL-1265 (65 Wp)	HIMSOL-1265		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xvi	Multi C-Si Modules	HIMSOL-1260 (60 Wp)	HIMSOL-1260					
				xvii	Multi C-Si Modules	HIMSOL-1255 (55 Wp)	HIMSOL-1255		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xviii	Multi C-Si Modules	HIMSOL-1250 (50 Wp)	HIMSOL-1250					
				xix	Multi C-Si Modules	HIMSOL-1240 (40 Wp)	HIMSOL-1240		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xx	Multi C-Si Modules	HIMSOL-40243 (340Wp)	HIMSOL-40243					
12	Sun N Sand Exim (India) Pvt. Ltd.	HSIIDC Industrial Estate, Bahadurgarh, Distt-Jhajjar, Haryana	40	i	Multi C-Si Modules	SNS72FP325Wp (325 Wp)	SNS72FP310Wp SNS72FP315Wp SNS72FP320Wp SNS72FP325Wp		72 (Full Cells)	1500	29.09.2021	28.09.2023

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											From	To
							LGV24VS310W6 LFV24VS310W6					
				viii	Multi C-Si Modules	INA48P210, (210 Wp)	INA48P200 LGV24VS200W LFV24VS200W INA48P205 LGV24VS205W LFV24VS205W INA48P210 LGV24VS210W LFV24VS210W INA48P215 LGV24VS215W LFV24VS215W		48 (Full Cells)	1500	29.09.2021	28.09.2023
				ix	Multi C-Si Modules	INA36P37, (37 Wp)	INA36P37 LGV12VS37 LFV12VS37		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				x	Multi C-Si Modules	INA36P40, (40 Wp)	INA36P40 LGV12VS40W LFV12VS40W		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xi	Multi C-Si Modules	INA36P45, (45 Wp)	INA36P45 LGV12VS45W LFV12VS45W		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xii	Multi C-Si Modules	INA36P50, (50 Wp)	INA36P50 LGV12VS50W LFV12VS50W		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xiii	Multi C-Si Modules	INA36P55, (55 Wp)	INA36P55 LGV12VS55W LFV12VS55W		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xiv	Multi C-Si Modules	INA36P60, (60 Wp)	INA36P60 LGV12VS60W LFV12VS60W		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xv	Multi C-Si Modules	INA36P75, (75 Wp)	INA36P75 LGV12VS75W LFV12VS75W		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xvi	Multi C-Si Modules	INA36P80, (80 Wp)	INA36P80 LGV12VS80W LFV12VS80W		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xvii	Multi C-Si Modules	INA36P85, (85 Wp)	INA36P85 LGV12VS85W LFV12VS85W		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xviii	Multi C-Si Modules	INA36P105, (105 Wp)	INA36P100 LGV12VS100W LFV12VS100W INA36P105 LGV12VS105W LFV12VS105W INA36P110 LGV12VS110W LFV12VS110W		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xix	Multi C-Si Modules	INA36P120, (120 Wp)	INA36P115 LGV12VS115W LFV12VS115W INA36P120 LGV12VS120W LFV12VS120W INA36P125 LGV12VS125W LFV12VS125W		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xx	Multi C-Si Modules	INA36P130, (130 Wp)	INA36P130 LGV12VS130W LFV12VS130W		36 (Cut Cells)	1000	29.09.2021	28.09.2023

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											From	To
							INA36P135 LGV12VS135W LFV12VS135W		36 (Cut Cells)	600	29.09.2021	28.09.2023
14	Pennar Industries Ltd.	Chandpur, Sadasivapet, Sangareddy, Telangana	75	i	Multi C-Si Modules	PIL-72P-325 (325Wp)	PIL-72P-315 PIL-72P-320 PIL-72P-325 PIL-72P-330 PIL-72P-335		72 (Full Cells)	1500	29.09.2021	28.09.2023
				ii	Mono PERC C-Si Modules	PIL-72M-395 (395Wp)	PIL-72M-380 PIL-72M-385 PIL-72M-390 PIL-72M-395 PIL-72M-400		72 (Full Cells)	1500	29.09.2021	28.09.2023
15	GreenBrilliance Renewable Energy LLP.	GIDC Estate, Waghodia, Vadodara, Gujarat	50	i	Multi C-Si Modules	GBPLC-36-040-12 (40Wp)	GBPLC-36-040-12		36 (Cut Cells)	600	29.09.2021	28.09.2023
				ii	Multi C-Si Modules	GBPLC-36-075-12 (75Wp)	GBPLC-36-075-12		36 (Cut Cells)	600	29.09.2021	28.09.2023
				iii	Multi C-Si Modules	GBPLC-36-100-12 (100Wp)	GBPLC-36-100-12		36 (Cut Cells)	600	29.09.2021	28.09.2023
				iv	Multi C-Si Modules	GBPLF-36-165-12 (165Wp)	GBPLC-36-160-12 GBPLC-36-165-12 GBPLC-36-170-12 GBPLF-72-330-24 GBPLF-72-335-24		36 (Full Cells)	600	29.09.2021	28.09.2023
				v	Multi C-Si Modules	GBPLF-72-340-24 (340Wp)	GBPLF-72-340-24 GBPLF-72-345-24 GBPLF-72-350-24 GBPLF-72-355-24		72 (Full Cells)	1000	29.09.2021	28.09.2023
				vi	Mono C-Si Modules	GBMOF-72-365-24 (340Wp)	GBMOF-72-360-24 GBMOF-72-365-24 GBMOF-72-370-24		72 (Full Cells)	1000	29.09.2021	28.09.2023
16	Sanelite Solar Pvt. Ltd.	Bhagalaxmi Industrial Estate, Rakanpur Taluka, Kalol Dist, Gandhinagar, Gujarat.	20	i	Multi C-Si Modules.	SS-72P340F (340Wp)	SS-72P330F SS-72P335F SS-72P340F SS-72P300F SS-72P305F SS-72P310F SS-72P315F SS-72P320F SS-72P325F SS-60P275F SS-60P280F SS-60P285F SS-60P290F SS-60P295F SS-60P250F SS-60P255F SS-60P260F SS-60P265F SS-60P270F SS-48P205F SS-48P210F SS-48P215F SS-48P220F SS-48P225F		72 (Full Cells)	1000	29.09.2021	28.09.2023
				ii	Multi C-Si Modules.	SS-72P315F (315Wp)	SS-72P310F SS-72P315F SS-72P320F SS-72P325F SS-60P275F SS-60P280F SS-60P285F SS-60P290F SS-60P295F SS-60P250F SS-60P255F SS-60P260F SS-60P265F SS-60P270F SS-48P205F SS-48P210F SS-48P215F SS-48P220F SS-48P225F		72 (Full Cells)	1000	29.09.2021	28.09.2023
				iii	Multi C-Si Modules.	SS-60P285F (285Wp)	SS-60P275F SS-60P280F SS-60P285F SS-60P290F SS-60P295F SS-60P250F SS-60P255F SS-60P260F SS-60P265F SS-60P270F SS-48P205F SS-48P210F SS-48P215F SS-48P220F SS-48P225F		60 (Full Cells)	1000	29.09.2021	28.09.2023
				iv	Multi C-Si Modules.	SS-60P260F (260Wp)	SS-60P250F SS-60P255F SS-60P260F SS-60P265F SS-60P270F SS-48P205F SS-48P210F SS-48P215F SS-48P220F SS-48P225F		60 (Full Cells)	1000	29.09.2021	28.09.2023
				v	Multi C-Si Modules.	SS-48P215F (215Wp)	SS-48P205F SS-48P210F SS-48P215F SS-48P220F SS-48P225F		48 (Full Cells)	1000	29.09.2021	28.09.2023
				vi	Multi C-Si Modules.	SS-36P100C (100Wp)	SS-36P100C		36 (Cut Cells)	600	29.09.2021	28.09.2023
				vii	Multi C-Si Modules.	SS-36P75C (75Wp)	SS-36P74C SS-36P75C		36 (Cut Cells)	600	29.09.2021	28.09.2023
				viii	Multi C-Si Modules.	SS-36P40C (40Wp)	SS-36P40C		36 (Cut Cells)	600	29.09.2021	28.09.2023
				ix	Multi C-Si Modules.	SS-36P160F (160Wp)	SS-36P155F SS-36P160F SS-36P165F		36 (Full Cells)	600	29.09.2021	28.09.2023
17	Gautam Solar Pvt. Ltd.	Plot No-67-70, Sector-8A IIE, Sidcul Haridwar- 249403, Uttarakhand	228	i	Multi C-Si Modules	SSGS-72P300 (300Wp)	SSGS-72P285 SSGS-72P290 SSGS-72P295		72 (Full Cells)	1000	29.09.2021	28.09.2023

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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	Multi C-Si Modules	SSGS-72P300 (300Wp)	SSGS-72P300		72 (Full Cells)	1000	29.09.2021	28.09.2023
							SSGS-72P305					
							SSGS-72P310					
							SSGS-72P315					
				ii	Multi C-Si Modules	SSGS-72P325 (325Wp)	SSGS-72P320		72 (Full Cells)	1000	29.09.2021	28.09.2023
							SSGS-72P325					
							SSGS-72P330					
							SSGS-72P335					
				iii	Multi C-Si Modules	SSGS-66P250 (250Wp)	SSGS-66P250		66 (Full Cells)	1000	29.09.2021	28.09.2023
							SSGS-66P260					
				iv	Multi C-Si Modules	SSGS-66P270 (270Wp)	SSGS-66P270		66 (Full Cells)	1000	29.09.2021	28.09.2023
							SSGS-66P275					
							SSGS-66P280					
							SSGS-66P285					
				v	Multi C-Si Modules	SSGS-66P295 (295Wp)	SSGS-66P290		66 (Full Cells)	1000	29.09.2021	28.09.2023
							SSGS-66P295					
							SSGS-66P300					
				vi	Multi C-Si Modules	SSGS-60P260 (260Wp)	SSGS-60P250		60 (Full Cells)	1000	29.09.2021	28.09.2023
							SSGS-60P255					
							SSGS-60P260					
							SSGS-60P265					
							SSGS-60P270					
				vii	Multi C-Si Modules	SSGS-60P275 (275Wp)	SSGS-60P275		60 (Full Cells)	1000	29.09.2021	28.09.2023
							SSGS-60P280					
							SSGS-60P285					
				viii	Multi C-Si Modules	SSGS-60P290 (290Wp)	SSGS-60P290		60 (Full Cells)	1000	29.09.2021	28.09.2023
							SSGS-60P295					
							SSGS-60P300					
				ix	Multi C-Si Modules	SSGS-54P230 (230Wp)	SSGS-54P220		54 (Full Cells)	1000	29.09.2021	28.09.2023
							SSGS-54P225					
							SSGS-54P230					
							SSGS-54P235					
							SSGS-54P240					
				x	Multi C-Si Modules	SSGS-48P195 (195Wp)	SSGS-48P190		48 (Full Cells)	1000	29.09.2021	28.09.2023
							SSGS-48P195					
							SSGS-48P200					
							SSGS-48P205					
				xi	Multi C-Si Modules	SSGS-48P215 (215Wp)	SSGS-48P210		48 (Full Cells)	1000	29.09.2021	28.09.2023
							SSGS-48P215					
							SSGS-48P220					
				xii	Multi C-Si Modules	SSGS-42P185 (185Wp)	SSGS-42P180		42 (Full Cells)	1000	29.09.2021	28.09.2023
							SSGS-42P185					
				xiii	Multi C-Si Modules	SSGS-42P195 (195Wp)	SSGS-42P190		42 (Full Cells)	1000	29.09.2021	28.09.2023
							SSGS-42P195					
				xiv	Multi C-Si Modules	SSGS-36P155 (155Wp)	SSGS-36P150		36 (Full Cells)	1000	29.09.2021	28.09.2023
							SSGS-36P155					
				xv	Multi C-Si Modules	SSGS-36P165 (165Wp)	SSGS-36P160		36 (Full Cells)	1000	29.09.2021	28.09.2023
							SSGS-36P165					
				xvi	Multi C-Si Modules	SSGS-32P140 (140Wp)	SSGS-32P135		32 (Full Cells)	1000	29.09.2021	28.09.2023
							SSGS-32P140					
				xvii	Multi C-Si Modules	SSGS-32P150 (150Wp)	SSGS-32P145		32 (Full Cells)	1000	29.09.2021	28.09.2023
							SSGS-32P150					
				xviii	Multi C-Si Modules	SSGS-36P25 (25Wp)	SSGS-36P24		36 (Cut Cells)	1000	29.09.2021	28.09.2023
							SSGS-36P25					
				xix	Multi C-Si Modules	SSGS-36P30 (30Wp)	SSGS-36P30		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xx	Multi C-Si Modules	SSGS-36P35 (35Wp)	SSGS-36P35		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxi	Multi C-Si Modules	SSGS-36P37 (37Wp)	SSGS-36P37		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxii	Multi C-Si Modules	SSGS-36P40 (40Wp)	SSGS-36P40		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxiii	Multi C-Si Modules	SSGS-36P45 (45Wp)	SSGS-36P45		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxiv	Multi C-Si Modules	SSGS-36P50 (50Wp)	SSGS-36P50		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxv	Multi C-Si Modules	SSGS-36P55 (55Wp)	SSGS-36P55		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxvi	Multi C-Si Modules	SSGS-36P60 (60Wp)	SSGS-36P60		36 (Cut Cells)	1000	29.09.2021	28.09.2023

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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	Multi C-Si Modules	SSGS-36P65 (65Wp)	SSGS-36P65		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxviii	Multi C-Si Modules	SSGS-36P70 (70Wp)	SSGS-36P70		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxix	Multi C-Si Modules	SSGS-36P74 (74Wp)	SSGS-36P74 SSGS-36P75		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxx	Multi C-Si Modules	SSGS-36P80 (80Wp)	SSGS-36P80		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxxi	Multi C-Si Modules	SSGS-36P85 (85Wp)	SSGS-36P85		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxxii	Multi C-Si Modules	SSGS-36P90 (90Wp)	SSGS-36P90		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxxiii	Multi C-Si Modules	SSGS-36P95 (95Wp)	SSGS-36P95		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				xxxiv	Multi C-Si Modules	SSGS-36P105 (105Wp)	SSGS-36P100 SSGS-36P105 SSGS-36P110		36 (Cut Cells)	1000	29.09.2021	28.09.2023
				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 SSGS-72P270		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		144 (Cut Cells)	1000	29.09.2021	28.09.2023

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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
							SSGS-144P325					
							SSGS-144P330					
				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		144 (Half Cut Cell)	1500	29.09.2021	28.09.2023
			G2XBifacial1669-HAD					29.09.2021			28.09.2023	
			G2XBifacial1676-HAD					29.09.2021			28.09.2023	
			G2XBifacial1682-HAD					29.09.2021			28.09.2023	
			G2XBifacial1689-HAD					29.09.2021			28.09.2023	
			G2XBifacial1695-HAD					29.09.2021			28.09.2023	
			G2XBifacial1702-HAD					29.09.2021			28.09.2023	
			G2XBifacial1708-HAD					29.09.2021			28.09.2023	
			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		132 (Half Cut Cell)	1500	29.09.2021	28.09.2023	
						G2X500-HAB				29.09.2021	28.09.2023	
						G2X495-HAB				29.09.2021	28.09.2023	
						G2X490-HAB				29.09.2021	28.09.2023	
			liii	Mono C-Si PERC Modules	G2X450-HAA (450 Wp)	G2X485-HAB		120 (Half Cut Cell)	1500	29.09.2021	28.09.2023	
						G2X460-HAA				29.09.2021	28.09.2023	
						G2X455-HAA				29.09.2021	28.09.2023	
						G2X450-HAA				29.09.2021	28.09.2023	
			liv	Mono C-Si PERC Modules	G2X405-HAY (405 Wp)	G2X445-HAA		108 (Half Cut Cell)	1500	29.09.2021	28.09.2023	
						G2X440-HAA				29.09.2021	28.09.2023	
						G2X415-HAY				29.09.2021	28.09.2023	
						G2X410-HAY				29.09.2021	28.09.2023	
			lv	Mono C-Si PERC Modules	G2X360-HAX (360 Wp)	G2X405-HAY		96 (Half Cut Cell)	1500	29.09.2021	28.09.2023	
						G2X400-HAY				29.09.2021	28.09.2023	
						G2X390-HAY				29.09.2021	28.09.2023	
						G2X365-HAX				29.09.2021	28.09.2023	
			lvi	Mono C-Si PERC Modules	GS-410-AAA (410 Wp)	G2X360-HAX		78 (Full Cell)	1500	29.09.2021	28.09.2023	
						G2X355HAX				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	
			lvii	Mono C-Si PERC Modules	GS-400-AAB (400 Wp)	GS-420-AAA		72 (Full Cell)	1500	29.09.2021	28.09.2023	
						GS-425-AAA				29.09.2021	28.09.2023	
						GS-430-AAA				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	
			lviii	Mono C-Si PERC Modules	GS-200-AAH (200 Wp)	GS-410-AAB		36 (Full Cell)	1500	29.09.2021	28.09.2023	
						GS-415-AAB				29.09.2021	28.09.2023	
						GS-420-AAB				29.09.2021	28.09.2023	
						GS-180-AAH				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	

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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		
							GS-200-AAH				29.09.2021	28.09.2023		
							GS-205-AAH				29.09.2021	28.09.2023		
							GS-210-AAH				29.09.2021	28.09.2023		
							SSGS-72P315				29.09.2021	28.09.2023		
				lix	Multi C-Si Modules	SSGS-72P325 (325 Wp)	SSGS-72P320		72 (full Cell)	1000	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			
			SSGS-72P340					29.09.2021			28.09.2023			
			SSGS-144P333					29.09.2021			28.09.2023			
			SSGS-144P338					29.09.2021			28.09.2023			
				lx	Multi C-Si Modules	SSGS-144P345 (345 Wp)	SSGS-144P340		144 (Half Cut Cell)	1000	29.09.2021	28.09.2023		
			SSGS-144P343					29.09.2021			28.09.2023			
			SSGS-144P345					29.09.2021			28.09.2023			
			SSGS-144P350					29.09.2021			28.09.2023			
			GS1AA320					29.09.2021			28.09.2023			
				lxi	Multi C-Si Modules	GS1AA320 (320Wp)	GS1AA322		138 (Half Cut Cell)	1000	29.09.2021	28.09.2023		
			GS1AA325					29.09.2021			28.09.2023			
			SGE24P315											
				i	Multi C-Si Modules	SGE24P330 (330Wp)	SGE24P320		72 (Full Cells)	1000	29.09.2021	28.09.2023		
			SGE24P325											
			SGE24P330											
			SGE24P335											
			SGE24P340											
			SGE24P345											
18	Solarium Green Energy LLP.	At Bhamasra, Ta: Bavla, Dist: Ahmedabad-382240, Gujarat, India.	70											
19	Novasys Greenergy Pvt. Ltd	Khasra No. 185, Mouza: Mahalgaon, Tehsil: Kamptee, Nagpur-441202, Maharashtra	248	i	Multi C-Si Modules	NOVA40P36 (40Wp)	NOVA40P36		36 (Cut Cells)	600	10.11.2021	09.11.2023		
				ii	Multi C-Si Modules	NOVA50P36 (50Wp)	NOVA50P36		36 (Cut Cells)	600	10.11.2021	09.11.2023		
				iii	Multi C-Si Modules	NOVA60P36 (60Wp)	NOVA60P36		36 (Cut Cells)	600	10.11.2021	09.11.2023		
				iv	Multi C-Si Modules	NOVA75P36 (75Wp)	NOVA75P36		36 (Cut Cells)	600	10.11.2021	09.11.2023		
				v	Multi C-Si Modules	NOVA25P36 (25Wp)	NOVA25P36		36 (Cut Cells)	600	10.11.2021	09.11.2023		
				vi	Multi C-Si Modules	NOVA90P36 (90Wp)	NOVA90P36		36 (Cut Cells)	600	10.11.2021	09.11.2023		
				vii	Multi C-Si Modules	NOVA100P36 (100Wp)	NOVA100P36		36 (Cut Cells)	600	10.11.2021	09.11.2023		
				viii	Multi C-Si Modules	NOVA125P36 (125Wp)	NOVA125P36		36 (Cut Cells)	600	10.11.2021	09.11.2023		
					ix	Multi C-Si Modules	NOVA160P36 (160Wp)	NOVA155P36		36 (Cut Cells)	1500	10.11.2021	09.11.2023	
								NOVA160P36						
								NOVA165P36						
					x	Multi C-Si Modules	NOVA210P48 (210Wp)	NOVA205P48		48 (Full Cells)	1500	10.11.2021	09.11.2023	
								NOVA210P48						
								NOVA215P48						
								NOVA220P48						
					xi	Multi C-Si Modules	NOVA240P54 (240Wp)	NOVA230P54		54 (Full Cells)	1500	10.11.2021	09.11.2023	
								NOVA235P54						
								NOVA240P54						
								NOVA245P54						
					xii	Multi C-Si Modules	NOVA270P60 (270Wp)	NOVA250P54		60 (Full Cells)	1500	10.11.2021	09.11.2023	
								NOVA260P60						
								NOVA265P60						
								NOVA270P60						
					xiii	Multi C-Si Modules	NOVA300P66 (300Wp)	NOVA275P60		66 (Full Cells)	1500	10.11.2021	09.11.2023	
								NOVA280P60						
								NOVA285P66						
								NOVA290P66						
								NOVA295P66						
								NOVA300P66						
								NOVA305P66						
					NOVA310P66									
							NOVA315P66							
							NOVA260P120							

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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
				xiv	Multi C-Si Modules	NOVA270P120 (270Wp)	NOVA265P120 NOVA270P120 NOVA275P120 NOVA280P120		120 (Half-Cut Cells)	1500	10.11.2021	09.11.2023
				xv	Multi C-Si Modules	NOVA320P144 (320Wp)	NOVA305P144 NOVA310P144 NOVA315P144 NOVA320P144 NOVA325P144 NOVA330P144 NOVA335P144		144 (Half-Cut Cells)	1500	10.11.2021	09.11.2023
				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 NOVA300MP60 NOVA305MP60 NOVA310MP60 NOVA315MP60 NOVA320MP60 NOVA325MP60 NOVA330MP60		72 (Full Cells)	1500	10.11.2021	09.11.2023
				xxii	Mono PERC C-Si Modules	NOVA315MP60 (315Wp)	NOVA335MP66 NOVA340MP66 NOVA345MP66 NOVA350MP66 NOVA355MP66 NOVA360MP66		60 (Full Cells)	1500	10.11.2021	09.11.2023
				xxiii	Mono PERC C-Si Modules	NOVA350MP66 (350Wp)	NOVA275MP54 NOVA280MP54 NOVA285MP54 NOVA290MP54 NOVA295MP54		66 (Full Cells)	1500	10.11.2021	09.11.2023
				xxiv	Mono PERC C-Si Modules	NOVA285MP54 (285Wp)	NOVA365MP72 NOVA370MP72 NOVA375MP72 NOVA380MP72 NOVA385MP72 NOVA390MP72 NOVA395MP72		54 (Full Cells)	1500	10.11.2021	09.11.2023
				xxv	Mono PERC C-Si Modules	NOVA380MP72 (380Wp)			72 (Full Cells)	1500	10.11.2021	09.11.2023

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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
				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 10.11.2021 10.11.2021 10.11.2021 10.11.2021	09.11.2023 09.11.2023 09.11.2023 09.11.2023 09.11.2023
				xviii	Mono PERC C-Si Module	NOVA270MP72 (270 Wp)	NOVA270MP72 NOVA275MP72		72 (Half Cut Cell)	1500	10.11.2021 10.11.2021	09.11.2023 09.11.2023
				xxix	Mono PERC C-Si Module	NOVA340MP96 (340 Wp)	NOVA325MP96 NOVA330MP96 NOVA335MP96 NOVA340MP96 NOVA345MP96 NOVA350MP96 NOVA355MP96		96 (Half Cut Cell)	1500	10.11.2021 10.11.2021 10.11.2021 10.11.2021 10.11.2021 10.11.2021 10.11.2021	09.11.2023 09.11.2023 09.11.2023 09.11.2023 09.11.2023 09.11.2023 09.11.2023
				xxx	Mono PERC C-Si Module	NOVA360MP96 (360 Wp)	NOVA360MP96 NOVA365MP96		96 (Half Cut Cell)	1500	10.11.2021 10.11.2021	09.11.2023 09.11.2023
				xxxi	Mono PERC C-Si Module	NOVA390MP108 (390 Wp)	NOVA375MP108 NOVA380MP108 NOVA385MP108 NOVA390MP108 NOVA395MP108 NOVA400MP108 NOVA405MP108		108 (Half Cut Cell)	1500	10.11.2021 10.11.2021 10.11.2021 10.11.2021 10.11.2021 10.11.2021 10.11.2021	09.11.2023 09.11.2023 09.11.2023 09.11.2023 09.11.2023 09.11.2023 09.11.2023
				xxxii	Mono PERC C-Si Module	NOVA415MP108 (415 Wp)	NOVA410MP108 NOVA415MP108		108 (Half Cut Cell)	1500	10.11.2021 10.11.2021	09.11.2023 09.11.2023
				xxxiii	Mono PERC C-Si Module	NOVA435MP120 (435 Wp)	NOVA415MP120 NOVA420MP120 NOVA425MP120 NOVA430MP120 NOVA435MP120 NOVA440MP120 NOVA445MP120 NOVA450MP120 NOVA455MP120		120 (Half Cut Cell)	1500	10.11.2021 10.11.2021 10.11.2021 10.11.2021 10.11.2021 10.11.2021 10.11.2021 10.11.2021 10.11.2021	09.11.2023 09.11.2023 09.11.2023 09.11.2023 09.11.2023 09.11.2023 09.11.2023 09.11.2023 09.11.2023
				xxxiv	Mono PERC C-Si Module	NOVA460MP120 (460 Wp)	NOVA460MP120		120 (Half Cut Cell)	1500	10.11.2021 10.11.2021	09.11.2023 09.11.2023
				xxxv	Mono PERC C-Si Module	NOVA475MP132 (475 Wp)	NOVA455MP132 NOVA460MP132 NOVA465MP132 NOVA470MP132 NOVA475MP132 NOVA480MP132 NOVA485MP132 NOVA490MP132 NOVA495MP132		132 (Half Cut Cell)	1500	10.11.2021 10.11.2021 10.11.2021 10.11.2021 10.11.2021 10.11.2021 10.11.2021 10.11.2021 10.11.2021	09.11.2023 09.11.2023 09.11.2023 09.11.2023 09.11.2023 09.11.2023 09.11.2023 09.11.2023 09.11.2023
				xxxvi	Mono PERC C-Si Module	NOVA500MP132 (500 Wp)	NOVA500MP132 NOVA505MP132		132 (Half Cut Cell)	1500	10.11.2021 10.11.2021	09.11.2023 09.11.2023
							NOVA495MP144 NOVA500MP144 NOVA505MP144 NOVA510MP144 NOVA515MP144				10.11.2021 10.11.2021 10.11.2021 10.11.2021 10.11.2021	09.11.2023 09.11.2023 09.11.2023 09.11.2023 09.11.2023

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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
				xxxvii	Mono PERC C-Si Module	NOVA520MP144 (520 Wp)	NOVA520MP144 NOVA525MP144 NOVA530MP144 NOVA535MP144 NOVA540MP144 NOVA545MP144		144 (Half Cut Cell)	1500	10.11.2021	09.11.2023
				xxxviii	Mono PERC C-Si Module	NOVA550MP144 (550 Wp)	NOVA550MP144		144 (Half Cut Cell)	1500	10.11.2021	09.11.2023
20	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		72 (Full Cells)	1000	10.11.2021	09.11.2023
							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					
				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
							PS080PM_36S					
				vii	Multi C-Si Modules	PS075PM_36S (75Wp)	PS075PM_36S		36 (Cut Cells)	600	10.11.2021	09.11.2023
							PS075PM_36S					
				viii	Multi C-Si Modules	PS050PM_36S (50Wp)	PS050PM_36S		36 (Cut Cells)	600	10.11.2021	09.11.2023
PS050PM_36S												
ix	Multi C-Si Modules	PS040PM_36S (40Wp)	PS040PM_36S		36 (Cut Cells)	600	10.11.2021	09.11.2023				
			PS040PM_36S									
x	Multi C-Si Modules	PS030PM_36S (30Wp)	PS030PM_36S		36 (Cut Cells)	600	10.11.2021	09.11.2023				
			PS030PM_36S									
xi	Multi C-Si Modules	PS020PM_36S (20Wp)	PS020PM_36S		36 (Cut Cells)	600	10.11.2021	09.11.2023				
			PS020PM_36S									
xii	Multi C-Si Modules	PS010PM_36S (10Wp)	PS010PM_36S		36 (Cut Cells)	600	10.11.2021	09.11.2023				
			PS010PM_36S									
xiii	Multi C-Si Modules	PS005PM_18S (5Wp)	PS005PM_18S		18 (Cut Cells)	600	10.11.2021	09.11.2023				
			PS005PM_18S									
xiv	Multi C-Si Modules	PS335PM_72S, (335Wp)	PS335PM_72S		72 (Full Cells)	1000	10.11.2021	09.11.2023				
			PS340PM_72S									
xv	Mono PERC C-Si Module	PS_540 (540Wp)	PS_550	21.3	144 (Half Cut Cell)	1500	10.11.2021	09.11.2023				
			PS_545	21.11								
			PS_540	20.92								
			PS_535	20.73								
			PS_530	20.53								
			PS_525	20.35								
xvi	Mono PERC C-Si Module	PS_490 (490Wp)	PS_500	19.36	132 (Half Cut Cell)	1500	10.11.2021	09.11.2023				
			PS_495	19.16								
			PS_445	20.38								
xvii	Mono PERC C-Si Module	PS_445 (445Wp)	PS_440	20.15	144 (Half Cut Cell)	1500	10.11.2021	09.11.2023				
			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								
21	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					
							PIX PD2 72 335					

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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
22	Alpex Solar Pvt. Ltd.	Plot No. I-25 & I-26, UPSIDC, Site-5, Kasna, Greater Noida, Uttar Pradesh-201306	240	ii	Multi C-Si Modules	PIX P2 72 330 (330 Wp)	PIX P2 72 315	72 (Full Cells)	1500	10.11.2021	09.11.2023	
							PIX P2 72 320					
							PIX P2 72 325					
							PIX P2 72 330					
							PIX P2 72 335					
							PIX P2 72 340					
				iii	Mono PERC C-Si Modules	PIX MP3 72 385 (385 Wp)	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					
22	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)	ALP40C-P36	36 (Cut Cells)	600	10.11.2021	09.11.2023	
				ii	Multi C-Si Modules	ALP55C-P36 (55Wp)	ALP55C-P36	36 (Cut Cells)	600	10.11.2021	09.11.2023	
				iii	Multi C-Si Modules	ALP80C-P36 (80Wp)	ALP80C-P36	36 (Half-Cut Cells)	600	10.11.2021	09.11.2023	
				iv	Multi C-Si Modules	ALP110C-P36 (110Wp)	ALP105C-P36	36 (Cut Cells)	600	10.11.2021	09.11.2023	
							ALP110C-P36					
							ALP115C-P36					
				v	Multi C-Si Modules	ALP165W (165Wp)	ALP160W	36 (Full Cells)	1500	10.11.2021	09.11.2023	
							ALP165W					
							ALP170W					
				vi	Multi C-Si Modules	ALP295W (295Wp)	ALP285W	66 (Full Cells)	1500	10.11.2021	09.11.2023	
							ALP290W					
							ALP295W					
ALP300W												
vii	Multi C-Si Modules	ALP325W (325Wp)	ALP305W	72 (Full Cells)	1500	10.11.2021	09.11.2023					
			ALP310W									
			ALP315W									
			ALP320W									
			ALP325W									
viii	MONO C-Si PERC Modues	ALP65C-M36 (65Wp)	ALP330W	36 (Cut Cells)	600	10.11.2021	09.11.2023					
			ALP335W									
ix	MONO C-Si PERC Modues	ALP95C-M36 (95Wp)	ALP340W	36 (Half-Cut Cells)	600	10.11.2021	09.11.2023					
			ALP95C-M36									
x	MONO C-Si PERC Modues	ALP130C-M36 (130Wp)	ALP125C-M36	36 (Cut Cells)	600	10.11.2021	09.11.2023					
			ALP130C-M36									
			ALP135C-M36									
xi	MONO C-Si PERC Modues	ALP185WM (185Wp)	ALP180WM	36 (Full Cells)	1500	10.11.2021	09.11.2023					
			ALP185WM									
			ALP190WM									
xii	MONO C-Si PERC Modues	ALP370WM (370Wp)	ALP355WM	72 (Full Cells)	1500	10.11.2021	09.11.2023					
			ALP360WM									
			ALP365WM									
			ALP370WM									
			ALP375WM									
			ALP380WM									
23	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	144 (Half-Cut Cells)	1500	10.11.2021	09.11.2023	
							ELDORA VSPH.72.345.05					
							ELDORA VSPH.72.350.05					
							ELDORA VSPH.72.355.05					
				ii	Mono C-Si PERC Monofacial Modules.	SOMERA VSMH.72.440.05, (440Wp)	SOMERA VSMH.72.435.05	144 (Half-Cut Cells)	1500	10.11.2021	09.11.2023	
							SOMERA VSMH.72.440.05					
				iii	Mono C-Si PERC Monofacial Modules.	SOMERA VSMH.72.530.05, (530Wp)	SOMERA VSMH.72.520.05	144 (Half-Cut Cells)	1500	10.11.2021	09.11.2023	
							SOMERA VSMH.72.525.05					
							SOMERA VSMH.72.530.05					
							SOMERA VSMH.72.535.05					
				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	

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											From	To				
				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 SOMERA VSMH.60.590.05		120 (Half Cut Cell)	1500	10.11.2021	09.11.2023				
				viii	Mono PERC Bifacial C-Si Module	PARADEA VSM DH.72AAA.05 (545Wp)	PARADEA VSM DH.72.535.05 PARADEA VSM DH.72.540.05 PARADEA VSM DH.72.545.05 PARADEA VSM DH.72.550.05		144 (Half Cut Cell)	1500	10.11.2021	09.11.2023				
				ix	Mono PERC C-Si Module	SOMERA VSMH.72AAA.05 (545Wp)	SOMERA VSMH.72.540.05 SOMERA VSMH.72.545.05 SOMERA VSMH.72.550.05		144 (Half Cut Cell)	1500	10.11.2021	09.11.2023				
				x	Mono PERC C-Si Module	SOMERA VSMH.60AAA.05 (455Wp)	SOMERA VSMH.60.450.05 SOMERA VSMH.60.455.05 SOMERA VSMH.60.460.05		120 (Half Cut Cell)	1500	10.11.2021	09.11.2023				
				xi	Mono PERC C-Si Module	SOMERA VSMH.72AAA.05 (450Wp)	SOMERA VSMH.72.445.05 SOMERA VSMH.72.450.05 SOMERA VSMH.72.455.05		144 (Half Cut Cell)	1500	10.11.2021	09.11.2023				
				24	Contendre Greenergy Pvt. Ltd.	Unit No: I/6, Rajlaxshmi HiTech Industrial Park, Sonale Village, Bhiwandi, Maharashtra	47	i	Multi C-Si Modules	CG P36-40 (40Wp)	CG P36-40 CG P36-155		36 (Half-Cut Cells)	1500	30.12.2021	29.12.2023
								ii	Multi C-Si Modules	CG P36-160 (160Wp)	CG P36-160 CG P36-165		36 (Full Cells)	1500	30.12.2021	29.12.2023
								iii	Multi C-Si Modules	CG P72-320 (320Wp)	CG P72-305 CG P72-310 CG P72-315 CG P72-320 CG P72-325 CG P72-330 CG P72-335		72 (Full Cells)	1500	30.12.2021	29.12.2023
								iv	Mono C-Si PERC Modues	CG M72-400 (400Wp)	CG M72-380 CG M72-385 CG M72-390 CG M72-395 CG M72-400 CG M72-405 CG M72-410 CG M72-415		72 (Full Cells)	1500	30.12.2021	29.12.2023
25	Ritika Systems Pvt. Ltd.	G-166, Industrial Area, Neemrana - II, Alwar-301705, Rajasthan, India.	40	i	Multi- C-Si Modules.	RSPL24P330, (330Wp)	RSPL24P320 RSPL24P325 RSPL24P330 RSPL24P335		72 Full Cells	1000	30.12.2021	29.12.2023				
				ii	Multi- C-Si Modules	RSPL24P330J, (330Wp)	RSPL24P320J RSPL24P325J RSPL24P330J		72 Full Cells	1000	30.12.2021	29.12.2023				
				iii	Multi- C-Si Modules	RSPL24CP330, (330Wp)	RSPL24CP320 RSPL24CP325 RSPL24CP330 RSPL24CP335		144 Half-Cut Cells	1000	30.12.2021	29.12.2023				

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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	RSPL24CP330J, (330Wp)	RSPL24CP320J RSPL24CP330J		144 Half-Cut Cells	1000	30.12.2021	29.12.2023
				v	Multi- C-Si Modules	RSPL18P260J, (260Wp)	RSPL18P250J RSPL18P260J RSPL18P270J		60 Full Cells	1000	30.12.2021	29.12.2023
				vi	Multi- C-Si Modules	RSPL18P260, (260Wp)	RSPL18P250 RSPL18P260 RSPL18P270		60 Full Cells	1000	30.12.2021	29.12.2023
				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
				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

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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
				xli	Multi- C-Si Modules	RSPL72CP60, (60Wp)	RSPL72CP60		72 Cut Cells	600	30.12.2021	29.12.2023
				xliii	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		72 Full Cells	1000	30.12.2021	29.12.2023
							RSPLM24P380					
							RSPLM24P390					
				xlv	Mono C-Si PERC Modules.	RSPLM18P290, (290Wp)	RSPLM18P280		60 Full Cells	1000	30.12.2021	29.12.2023
							RSPLM18P290					
							RSPLM18P300					
				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
				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		144 Half-Cut Cells	1000	30.12.2021	29.12.2023
							RSPLM24CP380					
RSPLM24CP390												
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		144 Half-Cut Cells	1000	30.12.2021	29.12.2023				
			RSPLM48CP380									
			RSPLM48CP390									
26	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		36 (Full Cells)	1500	04.03.2022	03.03.2024
							ECE036P160					
				ii	Multi C-Si Modules.	ECE036P170, (170Wp)	ECE036P165		36 (Full Cells)	1500	04.03.2022	03.03.2024
							ECE036P170					
							ECE060P260					
				iii	Multi C-Si Modules.	ECE060P270, (270Wp)	ECE060P265		60 (Full Cells)	1500	04.03.2022	03.03.2024
							ECE060P270					
							ECE060P275					
							ECE060P280					
							ECE066P285					
				iv	Multi C-Si Modules.	ECE066P300, (300Wp)	ECE066P285		66 (Full Cells)	1500	04.03.2022	03.03.2024
							ECE066P290					
							ECE066P295					
							ECE066P300					
							ECE066P305					
				v	Multi C-Si Modules.	ECE072P320, (320Wp)	ECE066P310		72 (Full Cells)	1500	04.03.2022	03.03.2024
							ECE072P310					
							ECE072P315					
							ECE072P320					
							ECE072P325					
				vi	Multi C-Si Modules.	ECE-66P315, (315Wp)	ECE072P330		66 (Full Cells)	1500	04.03.2022	03.03.2024
							ECE-66P300					
							ECE-66P310					
							ECE-66P315					
							ECE-66P320					
				vii	Multi C-Si Modules.	ECE-72P335, (335Wp)	ECE-66P325		72 (Full Cells)	1500	04.03.2022	03.03.2024
ECE-72P320												
ECE-72P325												
ECE-72P330												
ECE-72P335												
viii	Mono C-Si PERC Modules.	ECE036M175, (175Wp)	ECE-72P340		36 (Full Cells)	1500	04.03.2022	03.03.2024				
			ECE-72P345									
			ECE-72P350									
			ECE036M170									
			ECE036M175									
ix	Mono C-Si PERC Modules.	ECE036M185, (185Wp)	ECE036M180		36 (Full Cells)	1500	04.03.2022	03.03.2024				
			ECE036M185									
			ECE060M280									

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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	Mono C-Si PERC Modules.	ECE060M285, (285Wp)	ECE060M285		60 (Full Cells)	1500	04.03.2022	03.03.2024
							ECE060M290					
							ECE060M295					
				xi	Mono C-Si PERC Modules.	ECE060M305, (305Wp)	ECE060M300		60 (Full Cells)	1500	04.03.2022	03.03.2024
							ECE060M305					
							ECE060M310					
				xii	Mono C-Si PERC Modules.	ECE066M325, (325Wp)	ECE066M310		66 (Full Cells)	1500	04.03.2022	03.03.2024
							ECE066M315					
							ECE066M320					
							ECE066M325					
							ECE066M330					
							ECE066M335					
				xiii	Mono C-Si PERC Modules.	ECE072M350, (350Wp)	ECE066M340		72 (Full Cells)	1500	04.03.2022	03.03.2024
							ECE072M335					
ECE072M340												
ECE072M345												
ECE072M350												
ECE072M355												
xiv	Mono C-Si PERC Modules.	ECE072M360	ECE072M360		72 (Full Cells)	1500	04.03.2022	03.03.2024				
			ECE072M365									
27	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	i	Multi C-Si Modules	RGE310W72, (310Wp)	ECE072M370		72 (Full Cells)	1500	04.03.2022	03.03.2024
							RGE300W72					
							RGE 305W72					
				ii	Multi C-Si Modules	RGE 315W72	RGE 310W72		72 (Full Cells)	1000	04.03.2022	03.03.2024
							RGE 315W72					
							RGE 320W72					
							RGE 325W72					
							RGE 330W72					
				iii	Multi C-Si Modules	RGE 335W/72, (335Wp)	RGE 335W/72		72 (Full Cells)	1000	04.03.2022	03.03.2024
							RGE 340W/72					
							RGE 345W72					
							RGE290W66F					
							RGE295W66F					
							RGE300W66F					
iv	Multi C-Si Modules	RGE305W66F, (305Wp)	RGE305W66F		66 (Full Cells)	1000	04.03.2022	03.03.2024				
			RGE310W66F									
			RGE315W66F									
			RGE320W66F									
			RGE 250W60F									
			RGE 255W60F									
v	Multi C-Si Modules	RGE 255W60F, (255Wp)	RGE 260W60F		60 (Full Cells)	1000	04.03.2022	03.03.2024				
			RGE 265W60F									
			RGE 270W60F									
vi	Multi C-Si Modules	RGE 270W60F, (270Wp)	RGE 275W60F		60 (Full Cells)	1000	04.03.2022	03.03.2024				
			RGE 280W60F									
			RGE 225W54F									
vii	Multi C-Si Modules	RGE 230W54F, (230Wp)	RGE 230W54F		54 (Full Cells)	1000	04.03.2022	03.03.2024				
			RGE 235W54F									
			RGE 240W54F									
viii	Multi C-Si Modules	RGE 245W54F, (245Wp)	RGE 245W54F		54 (Full Cells)	1000	04.03.2022	03.03.2024				
			RGE 250W54F									
			RGE 200W48F									
ix	Multi C-Si Modules	RGE 205W48F, (205Wp)	RGE 205W48F		48 (Full Cells)	1000	04.03.2022	03.03.2024				
			RGE 210W48F									
			RGE 215W48F									
x	Multi C-Si Modules	RGE 220W48F, (220Wp)	RGE 220W48F		48 (Full Cells)	1000	04.03.2022	03.03.2024				
			RGE 225W48F									
			RGE 40W36C									
xi	Multi C-Si Modules	RGE 40W36C, (40Wp)	RGE 40W36C		36 (Cut Cells)	600	04.03.2022	03.03.2024				
			RGE 50W36C									
xii	Multi C-Si Modules	RGE 50W36C, (50Wp)	RGE 50W36C		36 (Cut Cells)	600	04.03.2022	03.03.2024				
			RGE 55W36C									
												RGE 55W36C, (55Wp)

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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
				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		36 (Cut Cells)	600	04.03.2022	03.03.2024
							RGE125W36C					
				xix	Multi C-Si Modules	RGE 155W36F, (155Wp)	RGE 150W36F		36 (Full Cells)	1000	04.03.2022	03.03.2024
							RGE 155W36F					
				xx	Multi C-Si Modules	RGE 165W36F, (165Wp)	RGE 160W36F		36 (Full Cells)	1000	04.03.2022	03.03.2024
							RGE 165W36F					
				xxi	Mono C-Si PERC Modules	RGE300W54F, (300Wp)	RGE300W54F		54 (Full Cells)	1500	04.03.2022	03.03.2024
							RGE295W54F					
				xxii	Mono C-Si PERC Modules	RGE280W54F, (280Wp)	RGE270W54F		54 (Full Cells)	1500	04.03.2022	03.03.2024
							RGE275W54F					
							RGE280W54F					
							RGE285W54F					
							RGE290W54F					
				xxiii	Mono C-Si PERC Modules	RGE315W60F, (315Wp)	RGE300W60F		60 (Full Cells)	1500	04.03.2022	03.03.2024
							RGE305W60F					
							RGE310W60F					
							RGE315W60F					
							RGE320W60F					
							RGE325W60F					
				xxiv	Mono C-Si PERC Modules	RGE345W66F, (345Wp)	RGE330W66F		66 (Full Cells)	1500	04.03.2022	03.03.2024
							RGE335W66F					
							RGE340W66F					
							RGE345W66F					
							RGE350W66F					
							RGE355W66F					
				xxv	Mono C-Si PERC Modules	RGE365W66F, (365Wp)	RGE360W66F		66 (Full Cells)	1500	04.03.2022	03.03.2024
							RGE365W72F					
							RGE370W72F					
							RGE375W72F					
							RGE380W72F					
							RGE385W72F					
				xxvi	Mono C-Si PERC Modules	RGE375W72F, (375Wp)	RGE390W72F		72 (Full Cells)	1500	04.03.2022	03.03.2024
							RGE395W72F					
							RGE400W72F					
							RGE395W72F					
							RGE400W72F					
							RGE400W72F					
				xxviii	Mono C-Si PERC Modules	RS345WC, (345Wp)	RS330WC		96 (Half Cut Cells)	1500	04.03.2022	03.03.2024
							RS335WC					
							RS340WC					
							RS345WC					
							RS350WC					
							RS355WC					
							RS360WC					
				xxix	Mono C-Si PERC Modules	RS380WC, (380Wp)	RS370WC		108 (Half Cut Cells)	1500	04.03.2022	03.03.2024
							RS375WC					
							RS380WC					
							RS385WC					

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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
				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	
				xxxii	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	
			RS445WC					04.03.2022			03.03.2024	
			RS450WC					04.03.2022			03.03.2024	
				xxxiii	Mono C-Si PERC Modules	RS520WC, (520Wp)	RS455WC		132 (Half Cut Cells)	1500	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	
			RS490WC					04.03.2022			03.03.2024	
				xxxiv	Mono PERC C-Si Module	RS555WC (555 Wp)	RS495WC		144 (Half Cut Cells)	1500	04.03.2022	03.03.2024
			RS500WC					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						
				xxxv	Mono PERC Bifacial C-Si with Transparent Backsheet	RSB530WC (530 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	
			RSB550WC				21.32	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	

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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
28	M/s. Lubi Electronics.	Survey No -75, Opp. Essar Petrol	133	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
							RSB380WC	19.47			04.03.2022	03.03.2024
							xxxix	Mono PERC Bifacial C-Si with Glass to Glass			RSG530WC (530 Wp)	RSG550WC
				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			
				RSG525WC	20.02	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			
				RSG500WC	21.08	04.03.2022			03.03.2024			
				xL	Mono PERC Bifacial C-Si with Glass to Glass	RSG480WC (480 Wp)	RSG495WC	20.87	132 (Half Cut Cells)	1500	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
				xLi	Mono PERC Bifacial C-Si with Glass to Glass	RSG435WC (435 Wp)	RSG455WC	21.02	120 (Half Cut Cells)	1500	04.03.2022	03.03.2024
							RSG450WC	20.81			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
				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									
LE24P300												

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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
		Pump, Prantiya, Gandhinagar, Gujarat-382355, India.		i	Multi C-Si Modules	LE24P315, (315Wp)	LE24P310		72 (Full Cells)	1500	04.03.2022	03.03.2024
							LE24P315					
							LE24P320					
							LE24P325					
							LE24P330					
				ii	Multi C-Si Modules	LE24P345, (345Wp)	LE24P335		72 (Full Cells)	1500	04.03.2022	03.03.2024
							LE24P340					
							LE24P345					
							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					
							LE18P290					
				v	Multi C-Si Modules	LE12P155, (155Wp)	LE12P150		36 (Full Cells)	1000	04.03.2022	03.03.2024
LE12P155												
LE12P160												
vi	Mono PERC C-Si Modules	LE24M395, (395 Wp)	LE24M380	19.58	72 (Full Cells)	1500	04.03.2022	03.03.2024				
			LE24M385	19.4								
			LE24M390	19.65								
			LE24M395	19.9								
			LE24M400	20.15								
			LE24M405	20.4								
			LE24M410	20.65								
29	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		36 (Cut Cells)	600	04.03.2022	03.03.2024
				ii	Multi C-Si Modules.	KE170P, (170Wp)	KE165P KE170P KE175P		36 (Full Cells)	600	04.03.2022	03.03.2024
				iii	Multi C-Si Modules.	KE215P, (215Wp)	KE205P KE210P 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		48 (Full Cells)	1500	04.03.2022	03.03.2024

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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	Mono C-Si PERC Modules.	KE275M, (275Wp)	KE255M		54 (Full Cells)	1500	04.03.2022	03.03.2024
							KE265M					
							KE270M					
							KE275M					
							KE280M					
							KE285M					
				xii	Mono C-Si PERC Modules.	KE320M, (320Wp)	KE305M		60 (Full Cells)	1500	04.03.2022	03.03.2024
							KE310M					
							KE315M					
							KE320M					
							KE325M					
							KE330M					
				xiii	Mono C-Si PERC Modules.	KE365M, (365Wp)	KE335M		72 (Full Cells)	1500	04.03.2022	03.03.2024
							KE350M					
							KE355M					
							KE360M					
							KE365M					
							KE370M					
				xiv	Mono C-Si PERC Modules.	KE370MX, (370Wp)	KE375M		144 (Half-Cut Cells)		04.03.2022	03.03.2024
							KE380M					
							KE360MX					
							KE365MX					
				xvi	Mono C-Si PERC Modules	KE390M, (390Wp)	KE370MX		72 (Full Cells)		04.03.2022	03.03.2024
							KE375MX					
KE380MX												
KE385M												
30	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)	KE390M	19.67	72 (Full Cells)	1500	04.03.2022	03.03.2024
							KE395M					
							19.92					
				ii	Multi C-Si Modules	CSPL18P205, (205Wp)	CSPL18P150		36(Full Cells)	1000	04.03.2022	03.03.2024
							CSPL18P155					
							CSPL18P160					
				iii	Multi C-Si Modules	CSPL18P235, (235Wp)	CSPL18P200		48 (Full Cells)	1000	04.03.2022	03.03.2024
							CSPL18P205					
							CSPL18P210					
				iv	Multi C-Si Modules	CSPL18P260, (260Wp)	CSPL18P230		54 (Full Cells)	1000	04.03.2022	03.03.2024
							CSPL18P235					
							CSPL18P240					
				v	Multi C-Si Modules	CSPL18P285, (285Wp)	CSPL18P250		60 (Full Cells)	1000	04.03.2022	03.03.2024
							CSPL18P255					
							CSPL18P260					
				vi	Multi C-Si Modules	CSPL24P315, (315Wp)	CSPL18P265		60 (Full Cells)	1000	04.03.2022	03.03.2024
							CSPL18P270					
							CSPL18P275					
				vii	Multi C-Si Modules	CSPL24P340, (340Wp)	CSPL18P280		72 (Full Cells)	1000	04.03.2022	03.03.2024
							CSPL18P285					
							CSPL18P290					
				viii	Mono PERC C-Si Modules.	CSPL24M390, (390 Wp)	CSPL18P295		72 (Full Cells)	1000	04.03.2022	03.03.2024
							CSPL24P300					
							CSPL24P305					
CSPL24P310												
CSPL24P315												
CSPL24P320												
CSPL24P325												
			CSPL24P330		72 (Full Cells)	1000	04.03.2022	03.03.2024				
			CSPL24P335									
			CSPL24P340									
			CSPL24M380		72 (Full Cells)	1000	04.03.2022	03.03.2024				
			19.15									
			CSPL24M385									
			CSPL24M390		72 (Full Cells)	1000	04.03.2022	03.03.2024				
			19.66									
			CSPL24M395				04.03.2022	03.03.2024				
							19.91					

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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						
31	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)	CSPL24M400	20.16				04.03.2022	03.03.2024					
				ii	Multi C-Si Modules	WT 36P75, (75Wp)	WT 36P40			36 (Cut Cells)	600	05.04.2022	04.04.2024					
				iii	Multi C-Si Modules	WT 36P100, (100Wp)	WT 36P75			36 (Cut Cells)	600	05.04.2022	04.04.2024					
				iv	Multi C-Si Modules	WT 36P125, (125Wp)	WT 36P100			36 (Cut Cells)	600	05.04.2022	04.04.2024					
				v	Multi C-Si Modules	WT 36P160, (160Wp)	WT 36P125			36 (Cut Cells)	600	05.04.2022	04.04.2024					
				vi	Multi C-Si Modules	WT 60P265, (265Wp)	WT 36P160			36 (Cut Cells)	600	05.04.2022	04.04.2024					
							WT 60P265			60 (Full Cells)	1500	05.04.2022	04.04.2024					
				vii	Multi C-Si Modules	WT 72P330, (330Wp)	WT 72P320			72 (Full Cells)	1500	05.04.2022	04.04.2024					
			WT 72P330															
32	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	
							RSMART1295											
				iv	Multi- C-Si Modules	RSMART12100, (100Wp)	RSMART12100								36 (Cut Cells)	600	05.04.2022	04.04.2024
							RSMART12105											
							RSMART12140											
				v	Multi- C-Si Modules	RSMART12145, (145Wp)	RSMART12145								36 (Full Cells)	1000	05.04.2022	04.04.2024
							RSMART12150											
							RSMART16200											
				vi	Multi- C-Si Modules	RSMART16210, (210Wp)	RSMART16210								48 (Full Cells)	1500	05.04.2022	04.04.2024
							RSMART16215											
							RSMART20240											
				vii	Multi- C-Si Modules	RSMART20250, (250Wp)	RSMART20250								60 (Full Cells)	1500	05.04.2022	04.04.2024
							RSMART20255											
							RSMART20260											
							RSMART24285											
							RSMART24290											
				viii	Multi- C-Si Modules	RSMART24300, (300Wp)	RSMART24300								72 (Full Cells)	1500	05.04.2022	04.04.2024
							RSMART24305											
							RSMART24310											
							RSMART24315											
							RSMART24320											
				ix	Multi- C-Si Modules	RSMART24335, (335Wp)	RSMART24335								72 (Full Cells)	1500	05.04.2022	04.04.2024
			RSMART24340															
			RSMART24345															
			RSMART24350															
x	Mono-C-Si PERC Modules	RPLUS18290, (290Wp)	RPLUS18285								54 (Full Cells)	1500	05.04.2022	04.04.2024				
			RPLUS18290															
			RPLUS18295															
			RPLUS18300															
			RPLUS20300															
			RPLUS20305															
			RPLUS20310															
			RPLUS20315															
			RPLUS20320															
			RPLUS20325															
			RPLUS20330															
			RPLUS24350															
			RPLUS24355															
			RPLUS24360															
			RPLUS24365															
			RPLUS24370															
			RPLUS24375															
			RPLUS24380															
33	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											

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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	NE 220P-48, (220Wp)	NE 210P-48 NE 215P-48 NE 220P-48 NE 225P-48 NE 230P-48		48 (Full Cells)	1500	05.04.2022	04.04.2024
				iv	Multi C-Si Modules	NE 240P-54, (240Wp)	NE 230P-54 NE 235P-54 NE 240P-54 NE 245P-54 NE 250P-54		54 (Full Cells)	1500	05.04.2022	04.04.2024
				v	Multi C-Si Modules	NE 260P-54, (260Wp)	NE 255P-54 NE 260P-54 NE 260P-60 NE 265P-60		54 (Full Cells)	1500	05.04.2022	04.04.2024
				vi	Multi C-Si Modules	NE 270P-60, (270Wp)	NE 270P-60 NE 275P-60 NE 280P-60 NE 285P-60		60 (Full Cells)	1500	05.04.2022	04.04.2024
				vii	Multi C-Si Modules	NE 290P-60, (290Wp)	NE 290P-60 NE 285P-66 NE 290P-66 NE 295P-66		60 (Full Cells)	1500	05.04.2022	04.04.2024
				viii	Multi C-Si Modules	NE 300P-66, (300Wp)	NE 300P-66 NE 305P-66 NE 310P-66 NE 315P-66 NE 310P-72 NE 315P-72		66 (Full Cells)	1500	05.04.2022	04.04.2024
				ix	Multi C-Si Modules	NE 320P-72, (320Wp)	NE 320P-72 NE 325P-72 NE 330P-72 NE 335P-72		72 (Full Cells)	1500	05.04.2022	04.04.2024
				x	Multi C-Si Modules	NE 340P-72, (340Wp)	NE 340P-72 NE 345P-72 NE 245M-48 NE 250M-48		72 (Full Cells)	1500	05.04.2022	04.04.2024
				xi	Mono C-Si PERC Modules	NE255M-48, (255Wp)	NE255M-48 NE260M-48 NE265M-48 NE265M-54 NE270M-54		48 (Full Cells)	1500	05.04.2022	04.04.2024
				xii	Mono C-Si PERC Modules	NE275M-54, (275Wp)	NE275M-54 NE280M-54 NE285M-54 NE290M-54 NE295M-54		54 (Full Cells)	1500	05.04.2022	04.04.2024
				xiii	Mono C-Si PERC Modules	NE295M-54, (295Wp)	NE300M-60 NE305M-60 NE310M-60 NE315M-60 NE320M-60 NE325M-60		54 (Full Cells)	1500	05.04.2022	04.04.2024
				xiv	Mono C-Si PERC Modules	NE315M-60, (315Wp)	NE330M-60 NE335M-66 NE340M-66 NE345M-66 NE350M-66 NE355M-72		60 (Full Cells)	1500	05.04.2022	04.04.2024
				xv	Mono C-Si PERC Modules	NE335M-66, (335Wp)	NE360M-72 NE365M-72		66 (Full Cells)	1500	05.04.2022	04.04.2024

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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
				xvii	Mono C-Si PERC Modules	NE370M-72, (370Wp)	NE370M-72 NE375M-72 NE380M-72 NE385M-72		72 (Full Cells)	1500	05.04.2022	04.04.2024
				xvii	Mono C-Si PERC Modules	NE395M-72, (395Wp)	NE390M-72 NE395M-72		72 (Full Cells)	1500	05.04.2022	04.04.2024
34	M/s. JJ PV Solar Pvt. Ltd	Survey No-236, Plot No. 2, Near Vikas Stove, B/H, Hargange Waybridge, N/H 8-B, Village Veraval (Shapar), Dist: Rajkot-360024, Gujarat, India	17	i	Multi C-Si Modules	JP36FP160, (160Wp)	JP36FP155 JP36FP160 JP36FP165		36 (Full Cells)	1000	05.04.2022	04.04.2024
				ii	Multi C-Si Modules	JP48FP210, (210Wp)	JP48FP205 JP48FP210 JP48FP215 JP48FP220		48 (Full Cells)	1500	05.04.2022	04.04.2024
				iii	Multi C-Si Modules	JP54FP240, (240Wp)	JP54FP230 JP54FP235 JP54FP240 JP54FP245 JP54FP250		54 (Full Cells)	1500	05.04.2022	04.04.2024
				iv	Multi C-Si Modules	JP60FP270, (270Wp)	JP60FP260 JP60FP265 JP60FP270 JP60FP275		60 (Full Cells)	1500	05.04.2022	04.04.2024
				v	Multi C-Si Modules	JP66FP290, (290Wp)	JP66FP280 JP66FP285 JP66FP290 JP66FP295 JP66FP300		66 (Full Cells)	1500	05.04.2022	04.04.2024
				vi	Multi C-Si Modules	JP66FP305, (305Wp)	JP66FP305		66 (Full Cells)	1500	05.04.2022	04.04.2024
				vii	Multi C-Si Modules	JP72FP320, (320Wp)	JP72FP305 JP72FP310 JP72FP315 JP72FP320 JP72FP325 JP72FP330 JP72FP335		72 (Full Cells)	1500	05.04.2022	04.04.2024
35	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	1116	i	Multi C-Si Modules	PE-325, (325Wp)	PE-315 PE-320 PE-325 PE-330 PE-335 PE-340		72 (Full Cells)	1500	05.04.2022	04.04.2024
				ii	Multi C-Si Modules	PE-330HC, (330Wp)	PE-320HC PE-325HC PE-330HC PE-335HC PE-340HC PE-345HC		144 (Half-Cut Cells)	1500	05.04.2022	04.04.2024
				iii	Mono PERC C-Si Modules	PE-435HM, (435Wp)	PE-415HM PE-420HM PE-425HM PE-430HM PE-435HM PE-440HM PE-445HM PE-450HM PE-455HM PE-470HM		144 (Half-Cut Cells)	1500	05.04.2022	04.04.2024
				iv	Mono PERC C-Si Modules	PE-490HM, (490Wp)	PE-475HM PE-480HM PE-485HM PE-490HM PE-495HM		132 (Half-Cut Cells)	1500	05.04.2022	04.04.2024

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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								
				v	Mono PERC C-Si Modules	PE-530HM, (530 Wp)	PE-515HM PE-520HM PE-525HM PE-530HM PE-535HM PE-540HM PE-545HM PE-550HM		144 (Half-Cut Cells)	1500	05.04.2022	04.04.2024								
				vi	Mono PERC Bifacial C-Si Modules	PE-530HGB, (530 Wp)	PE-510HGB PE-515HGB PE-520HGB PE-525HGB PE-530HGB PE-535HGB PE-540HGB PE-545HGB PE-550HGB		144 (Half-Cut Cells)	1500	05.04.2022	04.04.2024								
				vii	Mono PERC C-Si Modules	PE-565HM, (565 Wp)	PE-555HM PE-560HM PE-565HM PE-570HM PE-575HM PE-580HM PE-585HM PE-590HM		156 (Half-Cut Cells)	1500	05.04.2022	04.04.2024								
				viii	Mono PERC C-Si Modules	PE-505HM, (505Wp)	PE-510HM PE-505HM PE-500HM	19.73 19.54 19.35	132 (Half-Cut Cells)	1500	05.04.2022	04.04.2024								
				ix	Mono PERC C-Si Modules	PE-555HM, (555Wp)	PE-555HM PE-520HB	19.86 21.91	144 (Half-Cut Cells)	1500	05.04.2022	04.04.2024								
				x	Bifacial Mono PERC C-Si Modules	PE-500HB, (500Wp)	PE-515HB PE-510HB PE-505HB PE-500HB PE-495HB	21.7 21.49 21.29 21.07 20.86	132 (Half-Cut Cells)	1500	05.04.2022	04.04.2024								
				xi	Bifacial Mono PERC C-Si Modules	PE-535HB, (535Wp)	PE-490HB PE-550HB PE-545HB PE-540HB PE-535HB PE-530HB PE-525HB	20.64 21.29 21.1 20.9 20.71 20.52 20.32	144 (Half-Cut Cells)	1500	05.04.2022	04.04.2024								
				36	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 SSSPL-260 SSSPL-270		60 (Full Cells)	1500	05.04.2022	04.04.2024				
								ii	Multi C-Si Modules	SSSPL-280, (280 Wp)	SSSPL-280		60 (Full Cells)	1500	05.04.2022	04.04.2024				
								iii	Multi C-Si Modules	SSSPL-66-280, (280 Wp)	SSSPL-66-280 SSSPL-66-290		66 (Full Cells)	1500	05.04.2022	04.04.2024				
								iv	Multi C-Si Modules	SSSPL-66-300, (300 Wp)	SSSPL-66-300 SSSPL-66-310		66 (Full Cells)	1500	05.04.2022	04.04.2024				
								v	Multi C-Si Modules	SSSPL-315, (315 Wp)	SSSPL-302 SSSPL-310 SSSPL-315 SSSPL-320 SSSPL-325 SSSPL-330		72 (Full Cells)	1500	05.04.2022	04.04.2024				
								vi	Multi C-Si Modules	SSSPL-335, (335 Wp)	SSSPL-335		72 (Full Cells)	1500	05.04.2022	04.04.2024				
								37	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 NG-310 NG-315 NG-320 NG-325		72 (Full Cells)	1500	05.04.2022	04.04.2024

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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
							NG-330					
							NG-335					
				ii	Multi C-Si Modules	NG-D320, (320Wp)	NG-D305		72 (Full Cells)	1500	05.04.2022	04.04.2024
						NG-D310						
						NG-D315						
						NG-D320						
						NG-D325						
						NG-D330						
						NG-D335						
				iii	Multi C-Si Modules	NG-GG320, (320Wp)	NG-GG310		72 (Full Cells)	1500	05.04.2022	04.04.2024
						NG-GG315						
						NG-GG320						
						NG-GG325						
						NG-GG330						
						NG-GG335						
				iv	Mono C-Si PERC Modules	NG-M380, (380Wp)	NG-M365		72 (Full Cells)	1500	05.04.2022	04.04.2024
						NG-M370						
						NG-M375						
						NG-M380						
						NG-M385						
						NG-M390						
						NG-M395						
38	M/s. Sirius Solar Energy Systems Pvt. Ltd	Plot No. 30 & 46, Aleap Industrial Estate, Pragathi Nagar Gajularamaram, Qutubullapur Mandal, Hyderabad-500090, Telangana, India	50	i	Multi C-Si Modules.	SS-03C, (3Wp)	SS-03C		18 (Cut Cells)	600	05.04.2022	04.04.2024
				ii	Multi C-Si Modules.	SS-75C, (7Wp)	SS-75C		36 (Cut Cells)	800	05.04.2022	04.04.2024
				iii	Multi C-Si Modules.	SS-100C, (100Wp)	SS-95C		36 (Cut Cells)	800	05.04.2022	04.04.2024
							SS-100C					
				iv	Multi C-Si Modules.	SS-140C, (140Wp)	SS-140C		36 (Cut Cells)	1000	05.04.2022	04.04.2024
				v	Multi C-Si Modules.	SS-170, (170Wp)	SS-170		36 (Full Cells)	1500	05.04.2022	04.04.2024
				vi	Multi C-Si Modules.	SS-210C, (210Wp)	SS-210C		72(Cut Cells)	1500	05.04.2022	04.04.2024
							SS-215C					
				vii	Multi C-Si Modules.	SS-225, (225Wp)	SS-215		48 (Full Cells)	1500	05.04.2022	04.04.2024
							SS-225					
				viii	Multi C-Si Modules.	SS-245, (245Wp)	SS-235		54 (Full Cells)	1500	05.04.2022	04.04.2024
							SS-245					
				ix	Multi C-Si Modules.	SS-250C, (250Wp)	SS-250C		72(Cut Cells)	1500	05.04.2022	04.04.2024
							SS-250					
				x	Multi C-Si Modules.	SS-260, (265Wp)	SS-255		60 (Full Cells)	1500	05.04.2022	04.04.2024
							SS-260					
							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
							SS-285					
				xiii	Multi C-Si Modules.	SS-290, (290Wp)	SS-290		66 (Full Cells)	1500	05.04.2022	04.04.2024
							SS-295					
							SS-300					
							SS-305					
				xiv	Multi C-Si Modules.	SS-320, (320Wp)	SS-310		72 (Full Cells)	1500	05.04.2022	04.04.2024
							SS-315					
							SS-320					
							SS-325					
							SS-330					
							SS-335					
				xv	Multi C-Si Modules.	SS-325H, (325Wp)	SS-315H		144 (Half-Cut Cells)	1500	05.04.2022	04.04.2024
							SS-320H					
							SS-325H					
							SS-330H					
							SS-335H					
39	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,	88				TP315LBZ(H)					
							TP320LBZ(H)					
							TP325LBZ(H)					

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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
		Rural Karnataka-560105, India		i	Multi C-Si Modules	TP330LBZ(H) (330 Wp)	TP330LBZ(H)		72 (Full Cells)	1500	05.04.2022	04.04.2024
							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
							TP440MG10				05.04.2022	03.03.2024
							TP445MG10				05.04.2022	03.03.2024
				iv	Mono C-Si PERC Modules	TP480VG10 (480 Wp)	TP455MG10		132 (Half Cut Cells)	1500	05.04.2022	03.03.2024
							TP460VG10				05.04.2022	03.03.2024
							TP465VG10				05.04.2022	03.03.2024
							TP470VG10				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				05.04.2022	03.03.2024
				v	Mono C-Si PERC Modules	TP520HG10 (520 Wp)	TP495HG10		144 (Half Cut Cells)	1500	05.04.2022	03.03.2024
							TP500HG10				05.04.2022	03.03.2024
							TP505HG10				05.04.2022	03.03.2024
							TP510HG10				05.04.2022	03.03.2024
TP515HG10	05.04.2022	03.03.2024										
TP520HG10	05.04.2022	03.03.2024										
TP525HG10	05.04.2022	03.03.2024										
TP530HG10	05.04.2022	03.03.2024										
TP535HG10	05.04.2022	03.03.2024										
TP540HG10	05.04.2022	03.03.2024										
40	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		36 (Cut Cells)	1000	05.04.2022	04.04.2024
							IB3612125					
				vii	Multi- C-Si Modules.	IB3612150, (150Wp)	IB3612150		36 (Cut Cells)	1000	05.04.2022	04.04.2024
							IB3612160					
				viii	Multi- C-Si Modules.	IB3612165, (165Wp)	IB3612165		36 (Full Cells)	1000	05.04.2022	04.04.2024
							IB3612170					
							IB7224200					
				ix	Multi- C-Si Modules.	IB7224210, (210Wp)	IB7224205		72 (Cut Cells)	1000	05.04.2022	04.04.2024
							IB7224210				05.04.2022	04.04.2024
							IB7224215				05.04.2022	04.04.2024
							IB7224220				05.04.2022	04.04.2024
			IB7224250									
			IB7224255									

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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.	IB7224260, (260Wp)	IB7224260 IB7224265 IB7224270		72 (Cut Cells)	1000	05.04.2022	04.04.2024				
				xi	Multi- C-Si Modules.	IB6024270, (270Wp)	IB6024260 IB6024265 IB6024270 IB6024275 IB6024280		60 (Full Cells)	1000	05.04.2022	04.04.2024				
				xii	Multi- C-Si Modules.	IB7224325, (325Wp)	IB7224310 IB7224315 IB7224320 IB7224325 IB7224330 IB7224335 IB7224340		72 (Full Cells)	1000	05.04.2022	04.04.2024				
				41	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 BBS12F155 BBS12F160		36 (Full Cells)	600	05.04.2022	04.04.2024
								vi	Multi C-Si Modules	BBS12F170, (170Wp)	BBS12F165 BBS12F170 BBS12F175		36 (Full Cells)	600	05.04.2022	04.04.2024
								vii	Multi C-Si Modules	BBS24F210, (210Wp)	BBS24F200 BBS24F205 BBS24F210 BBS24F215 BBS24F220		48 (Full Cells)	1000	05.04.2022	04.04.2024
								viii	Multi C-Si Modules	BBS24F245, (245Wp)	BBS24F235 BBS24F240 BBS24F245 BBS24F250 BBS24F255		54 (Full Cells)	1000	05.04.2022	04.04.2024
								ix	Multi C-Si Modules	BBS24F275, (275Wp)	BBS24F265 BBS24F270 BBS24F275 BBS24F280 BBS24F285		60 (Full Cells)	1000	05.04.2022	04.04.2024
x	Multi C-Si Modules	BBS24F300, (300Wp)	BBS24F290 BBS24F295 BBS24F300 BBS24F305 BBS24F310						66 (Full Cells)	1500	05.04.2022	04.04.2024				
xi	Multi C-Si Modules	BBS24F330, (330Wp)	BBS24F315 BBS24F320 BBS24F325 BBS24F330 BBS24F335 BBS24F340						72 (Full Cells)	1500	05.04.2022	04.04.2024				
xii	Mono C-Si PERC Modules	BBS12MF180, (180 Wp)	BBS12MF175 BBS12MF180 BBS12MF185						36 (Full Cells)	600	05.04.2022	04.04.2024				
xiii	Mono C-Si PERC Modules	BBS12MF190, (190Wp)	BBS12MF190 BBS12MF195						36 (Full Cells)	600	05.04.2022	04.04.2024				
xiv	Mono C-Si PERC Modules	BBS24MF375, (375Wp)	BBS24MF355 BBS24MF360 BBS24MF365 BBS24MF370						72 (Full Cells)	1500	05.04.2022	04.04.2024				

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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		
							BBS24MF375							
							BBS24MF380							
							BBS24MF385							
							BBS24MF390							
				xv	Mono C-Si PERC Modules.	BBS24MF400, (400Wp)	BBS24MF395		72 (Full Cells)	1500	05.04.2022	04.04.2024		
							BBS24MF400							
							BBS24MF405							
42	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		
								SS200P						
								SS205P						
				iii	Multi- C-Si Modules	SS210P, (210Wp)	SS210P		48 Full Cell	1500	05.04.2022	04.04.2024		
								SS215P						
								SS220P						
								SS225P						
				iv	Multi- C-Si Modules	SS235P, (235Wp)	SS230P		54 Full Cell	1500	05.04.2022	04.04.2024		
								SS235P						
								SS240P						
								SS245P						
								SS250P						
				v	Multi- C-Si Modules	SS260P, (260Wp)	SS255P		60 Full Cell	1500	05.04.2022	04.04.2024		
								SS260P						
								SS265P						
								SS270P						
				vi	Multi- C-Si Modules	SS275P, (275Wp)	SS275P		60 Full Cell	1500	05.04.2022	04.04.2024		
								SS300P						
								SS305P						
				vii	Multi- C-Si Modules	SS315P, (315Wp)	SS310P		72 Full Cell	1500	05.04.2022	04.04.2024		
								SS315P						
								SS320P						
								SS325P						
								SS330P						
				viii	Multi- C-Si Modules	SS340P, (340Wp)	SS335P		72 Full Cell	1500	05.04.2022	04.04.2024		
								SS340P						
								SS345P						
				SS350P										
ix	Multi- C-Si Modules	SS250PC, (250Wp)	SS250PC		72 Cut Cell	1000	05.04.2022	04.04.2024						
				SS100P										
x	Multi- C-Si Modules	SS105P, (105Wp)	SS105P		36 Cut Cell	600	05.04.2022	04.04.2024						
				SS110P										
				SS115P										
xi	Multi- C-Si Modules	SS120P, (120Wp)	SS120P		36 Cut Cell	600	05.04.2022	04.04.2024						
				SS125P										
				SS130P										
xii	Multi- C-Si Modules	SS135P, (135Wp)	SS135P		36 Cut Cell	600	05.04.2022	04.04.2024						
				SS135P										
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						

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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
43	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		72 (Full Cells)	1000	18.08.2022	17.08.2024
							320W72					
							330W72					
							335W72					
44	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					
							N280P60					
				ii	Multi C-Si Modules	N325P72, (325Wp)	N310P72		72 (Full Cells)	1500	18.08.2022	17.08.2024
							N315P72					
							N320P72					
							N325P72					
							N330P72					
				iii	Multi C-Si Modules	N330P144, (330Wp)	N335P72		144 (Half Cut Cells)	1500	18.08.2022	17.08.2024
							N340P72					
							N320P144					
							N325P144					
							N330P144					
				iv	Mono C-Si PERC Modules	N400M144, (400Wp)	N335P144		144 (Half Cut Cells)	1500	18.08.2022	17.08.2024
							N340P144					
							N380M144					
							N385M144					
							N390M144					
N395M144												
N400M144												
N405M144												
N410M144												
N415M144												
N420M144												
45	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					
							SPL72FP320Wp					
				ii	Multi C-Si Modules	SPL60FP260Wp, (260 Wp)	SPL72FP325Wp		60 Full Cell	1500	18.08.2022	17.08.2024
							SPL72FP330Wp					
							SPL60FP250Wp					
							SPL60FP255Wp					
							SPL60FP260Wp					
46	M/s. Sahaj Solar Private Ltd	Plot No. D4, Survey No. 742,745, Gallops Industrial Park, Village Rajoda, Sarkhej – Bavlia Road, NH 8B, Ahmedabad, Gujarat – 382220, India	100	i	Multi C-Si Modules	SS-265, (265Wp)	SS-255		60 (Full Cells)	1500	18.08.2022	17.08.2024
							SS-260					
							SS-265					
							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					
iii	Multi C-Si Modules	SS-330, (330Wp)	SS-305		72 (Full Cells)	1500	18.08.2022	17.08.2024				
			SS-310									
			SS-315									
			SS-320									
			SS-325									
47	M/s. Raajratna Ventures	Survey No. 69/2, Ahmedabad-	96				SS-330					
							SS-335					
							SS-340					
							SS-345					
							R250P					

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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
	Limited	Mehsana Highway, Opp Madhu Mill, Village Chandarda, Tal Kadi, Dist. Mehstana, Gujarat - 382715, India		i	Multi C-Si Modules	R260P, (260Wp)	R255P		60 (Full Cells)	1500	18.08.2022	17.08.2024
							R260P					
							R265P					
							R270P					
				ii	Multi C-Si Modules	R260P(72C), (260Wp)	R250P(72C)		72 (Cut Cell)	1500	18.08.2022	17.08.2024
							R255P(72C)					
							R260P(72C)					
							R270P(72C)					
				iii	Multi C-Si Modules	R300P, (300Wp)	R300P		72 (Full Cells)	1500	18.08.2022	17.08.2024
				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											
48	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	i	Monofacial C-Si PERC Modules	ASM-M10-144-520, (520Wp)	AS50M	21.28	144 (Half Cut Cells)	1500	18.08.2022	17.08.2024
							ASM-M10-144-500	19.48				
							ASM-M10-144-501	19.51				
							ASM-M10-144-502	19.55				
							ASM-M10-144-503	19.59				
							ASM-M10-144-504	19.63				
							ASM-M10-144-505	19.67				
							ASM-M10-144-506	19.71				
							ASM-M10-144-507	19.75				
							ASM-M10-144-508	19.79				
							ASM-M10-144-509	19.83				
							ASM-M10-144-510	19.86				
							ASM-M10-144-511	19.9				
							ASM-M10-144-512	19.94				
ASM-M10-144-513	19.98											
ASM-M10-144-514	20.02											
ASM-M10-144-515	20.06											
ASM-M10-144-516	20.1											
ASM-M10-144-517	20.14											
ASM-M10-144-518	20.18											
ASM-M10-144-519	20.22											
ASM-M10-144-520	20.25											
ASM-M10-144-521	20.29											
ASM-M10-144-522	20.33											
ASM-M10-144-523	20.37											
ASM-M10-144-524	20.41											
ASM-M10-144-525	20.45											
ASM-M10-144-526	20.49											
ASM-M10-144-527	20.53											

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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
							ASM-M10-144-528	20.57				
							ASM-M10-144-529	20.6				
							ASM-M10-144-530	20.64				
							ASM-M10-144-531	20.68				
							ASM-M10-144-532	20.72				
							ASM-M10-144-533	20.76				
							ASM-M10-144-534	20.8				
							ASM-M10-144-535	20.84				
							ASM-M10-144-536	20.88				
							ASM-M10-144-537	20.92				
							ASM-M10-144-538	20.96				
							ASM-M10-144-539	20.99				
							ASM-M10-144-540	21.03				
							ii	Bifacial C-Si PERC Modules				
				ASB-M10-144-501	19.51							
				ASB-M10-144-502	19.55							
				ASB-M10-144-503	19.59							
				ASB-M10-144-504	19.63							
				ASB-M10-144-505	19.67							
				ASB-M10-144-506	19.71							
				ASB-M10-144-507	19.75							
				ASB-M10-144-508	19.79							
				ASB-M10-144-509	19.83							
				ASB-M10-144-510	19.86							
				ASB-M10-144-511	19.9							
				ASB-M10-144-512	19.94							
				ASB-M10-144-513	19.98							
				ASB-M10-144-514	20.02							
				ASB-M10-144-515	20.06							
				ASB-M10-144-516	20.1							
				ASB-M10-144-517	20.14							
				ASB-M10-144-518	20.18							
				ASB-M10-144-519	20.22							
				ASB-M10-144-520	20.25							
				ASB-M10-144-521	20.29							
				ASB-M10-144-522	20.33							
				ASB-M10-144-523	20.37							
				ASB-M10-144-524	20.41							
				ASB-M10-144-525	20.45							
				ASB-M10-144-526	20.49							
				ASB-M10-144-527	20.53							
				ASB-M10-144-528	20.57							
				ASB-M10-144-529	20.6							
				ASB-M10-144-530	20.64							
ASB-M10-144-531	20.68											
ASB-M10-144-532	20.72											
ASB-M10-144-533	20.76											
ASB-M10-144-534	20.8											
ASB-M10-144-535	20.84											
ASB-M10-144-536	20.88											
ASB-M10-144-537	20.92											
ASB-M10-144-538	20.96											
ASB-M10-144-539	20.99											
ASB-M10-144-540	21.03											
49	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					

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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	Monofacial C-Si PERC Modules	DESERV SGALACTIC-515 (515Wp)	DESERV SGALACTIC-575		144 (Half Cut Cells)	1500	18.08.2022	17.08.2024
							DESERV SGALACTIC-580					
							DESERV SGALACTIC-490					
							DESERV SGALACTIC-495					
							DESERV SGALACTIC-500					
							DESERV SGALACTIC-505					
							DESERV SGALACTIC-510					
							DESERV SGALACTIC-515					
							DESERV SGALACTIC-520					
							DESERV SGALACTIC-525					
							DESERV SGALACTIC-530					
							DESERV SGALACTIC-535					
				iii	Monofacial C-Si PERC Modules	DESERV SGALACTIC-425 (425Wp)	DESERV SGALACTIC-405		120 (Half Cut Cells)	1500	18.08.2022	17.08.2024
							DESERV SGALACTIC-410					
							DESERV SGALACTIC-415					
							DESERV SGALACTIC-420					
							DESERV SGALACTIC-425					
							DESERV SGALACTIC-430					
							DESERV SGALACTIC-435					
							DESERV SGALACTIC-440					
							DESERV SGALACTIC-445					
							DESERV EXTREME-555					
							DESERV EXTREME-560					
							DESERV EXTREME-565					
DESERV EXTREME-570												
DESERV EXTREME-575												
DESERV EXTREME-580												
DESERV EXTREME-490												
				iv	Bifacial C-Si PERC Modules	DESERV EXTREME-560 (560Wp)	DESERV EXTREME-495		156 (Half Cut Cells)	1500	18.08.2022	17.08.2024
							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												
				v	Bifacial C-Si PERC Modules	DESERV EXTREME-515 (515Wp)	DESERV SGALACTIC-585		144 (Half Cut Cells)	1500	18.08.2022	17.08.2024
							DESERV SGALACTIC-590					
							DESERV SGALACTIC-540					
							DESERV SGALACTIC-545					
							DESERV SGALACTIC-450					
							DESERV SGALACTIC-455					
							DESERV EXTREME-585					
							DESERV EXTREME-590					
							DESERV EXTREME-540					
							DESERV EXTREME-545					
							DESERV EXTREME-450					
							DESERV EXTREME-455					
				vi	Bifacial C-Si PERC Modules	DESERV EXTREME-425 (425Wp)	DESERV SGALACTIC-590 (590 Wp)		156 (Half Cut Cells)	1500	18.08.2022	17.08.2024
							DESERV SGALACTIC-590					
							DESERV SGALACTIC-540					
							DESERV SGALACTIC-545					
							DESERV SGALACTIC-450					
							DESERV SGALACTIC-455					
							DESERV EXTREME-585					
							DESERV EXTREME-590					
							DESERV EXTREME-540					
							DESERV EXTREME-545					
							DESERV EXTREME-450					
							DESERV EXTREME-455					
			2650				DESERV SGALACTIC-585		144 (Half Cut Cells)	1500	18.08.2022	17.08.2024
							DESERV SGALACTIC-590					
							DESERV SGALACTIC-540		120 (Half Cut Cells)	1500	18.08.2022	17.08.2024
							DESERV SGALACTIC-545					
							DESERV SGALACTIC-450		156 (Half Cut Cells)	1500	18.08.2022	17.08.2024
							DESERV SGALACTIC-455					
							DESERV EXTREME-585		144 (Half Cut Cells)	1500	18.08.2022	17.08.2024
							DESERV EXTREME-590					
							DESERV EXTREME-540		120 (Half Cut Cells)	1500	18.08.2022	17.08.2024
							DESERV EXTREME-545					
							DESERV EXTREME-450		156 (Half Cut Cells)	1500	18.08.2022	17.08.2024
							DESERV EXTREME-455					
50	M/s. Waaree Energies	Survey No. 1934, 1939, 1941, 1942, NH	2650				WSMD-520					

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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				
	Limited	48, Degam, Chikhali, Navasari, Gujarat - 396530, India		i	Mono C-Si PERC Modules	WSMD-540, (540Wp)	WSMD-525		144 (Half-Cut Cells)	1500	18.08.2022	17.08.2024				
							WSMD-530									
							WSMD-535									
							WSMD-540									
				ii	Mono C-Si PERC Modules	WSMD-600, (600Wp)	WSMD-580		120 (Half-Cut Cells)	1500	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	18.08.2022	17.08.2024				
							WSMD-605									
							WSMD-630									
							WSMD-635									
				iv	Mono C-Si PERC Bifacial Modules	Bi-55-540, (540Wp)	WSMD-640		144 (Half-Cut Cells)	1500	18.08.2022	17.08.2024				
							WSMD-645									
							WSMD-650									
							Bi-55-520									
				v	Mono C-Si PERC Bifacial Modules	Bi-66-600, (600Wp)	Bi-55-525		120 (Half-Cut Cells)	1500	18.08.2022	17.08.2024				
							Bi-55-530									
							Bi-55-535									
							Bi-55-540									
				vi	Mono C-Si PERC Bifacial Modules	Bi-68-650, (650Wp)	Bi-66-580		132 (Half-Cut Cells)	1500	18.08.2022	17.08.2024				
							Bi-66-585									
							Bi-66-590									
							Bi-66-595									
			Bi-66-600													
			Bi-68-630													
			Bi-68-635													
			Bi-68-640													
			Bi-68-645													
			Bi-68-650													
51	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									
							ITI325PF72									
				ii	Multi C-Si Modules	ITI205PF48, (205Wp)	ITI155PF36		48 (Full Cell)	1500	27.09.2022	26.09.2024				
							ITI155PF36									
				iii	Multi C-Si Modules	ITI125PC36, (125Wp)	ITI125PC36		36 (Cut Cell)	1000	27.09.2022	26.09.2024				
							ITI125PC36									
				iv	Multi C-Si Modules	ITI100PC36, (100Wp)	ITI100PC36		36 (Cut Cell)	1000	27.09.2022	26.09.2024				
							ITI100PC36									
				v	Multi C-Si Modules	ITI080PC36, (80Wp)	ITI080PC36		37 (Cut Cell)	1000	27.09.2022	26.09.2024				
ITI080PC36																
vi	Multi C-Si Modules	ITI075PC36, (75Wp)	ITI075PC36		36 (Cut Cell)	1000	27.09.2022	26.09.2024								
			ITI075PC36													
vii	Multi C-Si Modules	ITI060PC36, (60Wp)	ITI060PC36		36 (Cut Cell)	1000	27.09.2022	26.09.2024								
			ITI060PC36													
viii	Multi C-Si Modules	ITI050PC36, (50Wp)	ITI050PC36		36 (Cut Cell)	1000	27.09.2022	26.09.2024								
			ITI050PC36													
ix	Multi C-Si Modules	ITI040PC36, (40Wp)	ITI040PC36		36 (Cut Cell)	1000	27.09.2022	26.09.2024								
			ITI040PC36													
52	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-M144-TF-525									
				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									
							GS10-B144-TF-540									
							GS10-B144-WF-525									
				iii	Mono C-Si PERC Modules	GS10-B144-WF-530, (530Wp)	GS10-B144-WF-530		144 (Half-Cut Cells)	1500	27.09.2022	26.09.2024				
							GS10-B144-WF-530									
							GS10-B144-WF-535									
							GS10-B144-GF-525									
				iv	Mono C-Si PERC Bifacial Modules	GS10-B144-GF-535, (535Wp)	GS10-B144-GF-530		144 (Half-Cut Cells)	1500	27.09.2022	26.09.2024				
							GS10-B144-GF-535									
							GS10-B144-GF-535									
							GS10-B144-GF-540									
				53	M/s. SunField Energy Private Ltd	B-3, IDA Kukatpally, Gandhinagar, Medchal- Malkajigiri, Telengana - 500037, India	29	i	Multi- C-Si Modules	SEPL24335, (335Wp)	SEPL24335		72 Full Cells	1500	27.09.2022	26.09.2024
											SEPL24330					
ii	Multi- C-Si Modules	SEPL24315, (315Wp)	SEPL24325						72 Full Cells	1500	27.09.2022	26.09.2024				
			SEPL24320													
			SEPL24315													
			SEPL24310													

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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	SEPL20270F, (270Wp)	SEPL24305		60 Full Cells	1500	27.09.2022	26.09.2024
								SEPL24302				27.09.2022
				iv	Multi- C-Si Modules	SEPL20250F, (250Wp)	SEPL20280F		60 Full Cells	1500	27.09.2022	26.09.2024
								SEPL20275F				27.09.2022
				v	Multi- C-Si Modules	SEPL18245F, (245Wp)	SEPL20270F		54 Full Cells	1000	27.09.2022	26.09.2024
								SEPL20265F				27.09.2022
				vi	Multi- C-Si Modules	SEPL18225F, (225p)	SEPL20260F		54 Full Cells	1000	27.09.2022	26.09.2024
								SEPL20255F				27.09.2022
				vii	Multi- C-Si Modules	SEPL12165F, (165Wp)	SEPL20250F		36 Full Cells	1000	27.09.2022	26.09.2024
								SEPL20245F				27.09.2022
				viii	Multi- C-Si Modules	SEPL12150F, (150Wp)	SEPL20240F		36 Full Cells	1000	27.09.2022	26.09.2024
								SEPL18255F				27.09.2022
				ix	Multi- C-Si Modules	SEPL24290, (290Wp)	SEPL18250F		72 Cut Cells	1000	27.09.2022	26.09.2024
								SEPL18250F				27.09.2022
				x	Multi- C-Si Modules	SEPL24265, (265Wp)	SEPL18240F		72 Cut Cells	1000	27.09.2022	26.09.2024
								SEPL18235F				27.09.2022
				xi	Multi- C-Si Modules	SEPL24240, (240Wp)	SEPL18230F		72 Cut Cells	1000	27.09.2022	26.09.2024
								SEPL18225F				27.09.2022
				xii	Multi- C-Si Modules	SEPL24215, (215Wp)	SEPL18220F		72 Cut Cells	1000	27.09.2022	26.09.2024
								SEPL18215F				27.09.2022
				xiii	Multi- C-Si Modules	SEPL24195, (195Wp)	SEPL12170F		72 Cut Cells	1000	27.09.2022	26.09.2024
								SEPL12165F				27.09.2022
				xiv	Multi- C-Si Modules	SEPL24180, (180Wp)	SEPL12160F		72 Cut Cells	1000	27.09.2022	26.09.2024
								SEPL12155F				27.09.2022
				xv	Multi- C-Si Modules	SEPL24165, (165Wp)	SEPL12150F		72 Cut Cells	1000	27.09.2022	26.09.2024
								SEPL12145F				27.09.2022
				xvi	Multi- C-Si Modules	SEPL24150, (150Wp)	SEPL24300		72 Cut Cells	1000	27.09.2022	26.09.2024
								SEPL24295				27.09.2022
				xvii	Multi- C-Si Modules	SEPL20240, (240Wp)	SEPL24290		60 Cut Cells	1000	27.09.2022	26.09.2024
								SEPL24285				27.09.2022
							SEPL24280				27.09.2022	26.09.2024
							SEPL24275				27.09.2022	26.09.2024
							SEPL24270				27.09.2022	26.09.2024
							SEPL24265				27.09.2022	26.09.2024
							SEPL24260				27.09.2022	26.09.2024
							SEPL24255				27.09.2022	26.09.2024
							SEPL24250				27.09.2022	26.09.2024
							SEPL24245				27.09.2022	26.09.2024
							SEPL24240				27.09.2022	26.09.2024
							SEPL24235				27.09.2022	26.09.2024
							SEPL24230				27.09.2022	26.09.2024
							SEPL24225				27.09.2022	26.09.2024
							SEPL24220				27.09.2022	26.09.2024
							SEPL24215				27.09.2022	26.09.2024
							SEPL24210				27.09.2022	26.09.2024
							SEPL24205				27.09.2022	26.09.2024
							SEPL24200				27.09.2022	26.09.2024
							SEPL24195				27.09.2022	26.09.2024
							SEPL24190				27.09.2022	26.09.2024
							SEPL24185				27.09.2022	26.09.2024
							SEPL24180				27.09.2022	26.09.2024
							SEPL24175				27.09.2022	26.09.2024
							SEPL24170				27.09.2022	26.09.2024
							SEPL24165				27.09.2022	26.09.2024
							SEPL24160				27.09.2022	26.09.2024
							SEPL24155				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
							SEPL20240				27.09.2022	26.09.2024
							SEPL20235				27.09.2022	26.09.2024
							SEPL20230				27.09.2022	26.09.2024

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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
				xviii	Multi- C-Si Modules	SEPL20215, (215Wp)	SEPL20225		60 Cut Cells	1000	27.09.2022	26.09.2024
							SEPL20220				27.09.2022	26.09.2024
							SEPL20215				27.09.2022	26.09.2024
							SEPL20210				27.09.2022	26.09.2024
							SEPL20205				27.09.2022	26.09.2024
				xix	Multi- C-Si Modules	SEPL20195, (195Wp)	SEPL20200		60 Cut Cells	1000	27.09.2022	26.09.2024
							SEPL20195				27.09.2022	26.09.2024
							SEPL20190				27.09.2022	26.09.2024
				xx	Multi- C-Si Modules	SEPL12145, (145Wp)	SEPL12150		36 Cut Cells	600	27.09.2022	26.09.2024
							SEPL12145				27.09.2022	26.09.2024
							SEPL12140				27.09.2022	26.09.2024
				xxi	Multi- C-Si Modules	SEPL12130, (130Wp)	SEPL12135		36 Cut Cells	600	27.09.2022	26.09.2024
							SEPL12130				27.09.2022	26.09.2024
							SEPL12125				27.09.2022	26.09.2024
				xxii	Multi- C-Si Modules	SEPL12115, (115Wp)	SEPL12120		36 Cut Cells	600	27.09.2022	26.09.2024
							SEPL12115				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
				xxxii	Multi- C-Si Modules	SEPL1260, (60Wp)	SEPL1260		36 Cut Cells	600	27.09.2022	26.09.2024
				xxxiii	Multi- C-Si Modules	SEPL1255, (55Wp)	SEPL1255		36 Cut Cells	600	27.09.2022	26.09.2024
				xxxiv	Multi- C-Si Modules	SEPL1250, (50Wp)	SEPL1250		36 Cut Cells	600	27.09.2022	26.09.2024
				xxxv	Multi- C-Si Modules	SEPL1245, (45Wp)	SEPL1245		36 Cut Cells	600	27.09.2022	26.09.2024
				xxxvi	Multi- C-Si Modules	SEPL1240, (40Wp)	SEPL1240		36 Cut Cells	600	27.09.2022	26.09.2024
				xxxvii	Multi- C-Si Modules	SEPL1235, (35Wp)	SEPL1235		36 Cut Cells	600	27.09.2022	26.09.2024
				xxxviii	Multi- C-Si Modules	SEPL1230, (30Wp)	SEPL1230		36 Cut Cells	600	27.09.2022	26.09.2024
54	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
				iii	Multi C-Si Modules	SASA265P60, (265Wp)	SASA310P66		60 (Full Cells)	1500	27.09.2022	26.09.2024
							SASA255P60				27.09.2022	26.09.2024
							SASA260P60				27.09.2022	26.09.2024
							SASA265P60				27.09.2022	26.09.2024
				iv	Multi C-Si Modules	SASA240P54, (240Wp)	SASA270P60		54 (Full Cells)	1500	27.09.2022	26.09.2024
							SASA275P60				27.09.2022	26.09.2024
							SASA230P54				27.09.2022	26.09.2024
				v	Multi C-Si Modules	SASA210P48, (210Wp)	SASA235P54		48 (Full Cells)	1500	27.09.2022	26.09.2024
							SASA240P54				27.09.2022	26.09.2024
							SASA245P54				27.09.2022	26.09.2024
							SASA250P54				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						
				SASA215P48	27.09.2022	26.09.2024						
				SASA220P48	27.09.2022	26.09.2024						

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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
				v	Mono C-Si PERC Modules	SEPL48F250M, (250Wp)	SEPL54F290M		48 (Full Cells)	1500	27.09.2022	26.09.2024
			SEPL48F240M					27.09.2022			26.09.2024	
			SEPL48F245M					27.09.2022			26.09.2024	
			SEPL48F250M					27.09.2022			26.09.2024	
			SEPL48F255M					27.09.2022			26.09.2024	
				vi	Mono C-Si PERC Modules	SEPL144C375M, (375Wp)	SEPL48F260M		144 (Half Cut Cells)	1500	27.09.2022	26.09.2024
			SEPL144C360M					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	
			SEPL144C380M					27.09.2022			26.09.2024	
			SEPL144C385M					27.09.2022			26.09.2024	
			SEPL144C390M					27.09.2022			26.09.2024	
				vii	Multi C-Si Modules	SEPL36F160P, (160Wp)	SEPL36F155P		36 (Full Cells)	1500	27.09.2022	26.09.2024
			SEPL36F160P					27.09.2022			26.09.2024	
			SEPL36F165P					27.09.2022			26.09.2024	
				viii	Multi C-Si Modules	SEPL48F210P, (210Wp)	SEPL48F200P		48 (Full Cells)	1500	27.09.2022	26.09.2024
			SEPL48F205P					27.09.2022			26.09.2024	
			SEPL48F210P					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	
			SEPL48F230P					27.09.2022			26.09.2024	
			SEPL54F225P					27.09.2022			26.09.2024	
				ix	Multi C-Si Modules	SEPL54F235P, (235Wp)	SEPL54F230P		54 (Full Cells)	1500	27.09.2022	26.09.2024
			SEPL54F235P					27.09.2022			26.09.2024	
			SEPL54F240P					27.09.2022			26.09.2024	
				x	Multi C-Si Modules	SEPL60F265P, (265Wp)	SEPL54F245P		60 (Full Cells)	1500	27.09.2022	26.09.2024
			SEPL60F255P					27.09.2022			26.09.2024	
			SEPL60F260P					27.09.2022			26.09.2024	
			SEPL60F265P					27.09.2022			26.09.2024	
				xi	Multi C-Si Modules	SEPL66F290P, (290Wp)	SEPL60F270P		66 (Full Cells)	1500	27.09.2022	26.09.2024
			SEPL60F275P					27.09.2022			26.09.2024	
			SEPL66F280P					27.09.2022			26.09.2024	
			SEPL66F285P					27.09.2022			26.09.2024	
			SEPL66F290P					27.09.2022			26.09.2024	
				xii	Multi C-Si Modules	SEPL72F315P, (315Wp)	SEPL66F295P		72 (Full Cells)	1500	27.09.2022	26.09.2024
			SEPL66F300P					27.09.2022			26.09.2024	
			SEPL72F300P					27.09.2022			26.09.2024	
			SEPL72F305P					27.09.2022			26.09.2024	
			SEPL72F315P					27.09.2022			26.09.2024	
				xiii	Multi C-Si Modules	SEPL72C295P, (295Wp)	SEPL72F320P		72 (Full Cells)	1500	27.09.2022	26.09.2024
			SEPL72F325P					27.09.2022			26.09.2024	
			SEPL72F330P					27.09.2022			26.09.2024	
				xiv	Multi C-Si Module	SEPL72C285P	SEPL72C285P		72 (Full Cells)	1500	27.09.2022	26.09.2024
			SEPL72C290P					27.09.2022			26.09.2024	
				xv	Mono-PERC C-Si Module	SEPL72C295P	SEPL72C295P		72 (Full Cell)	1500	27.09.2022	26.09.2024
			SEPL72F335P					27.09.2022			26.09.2024	
				xvi	Mono-PERC C-Si Module	SEPL72F340P (340 Wp)	SEPL72F340P		144 (Half Cut Cell)	1500	27.09.2022	26.09.2024
			SEPL72F400M (400Wp)					27.09.2022			26.09.2024	
			SEPLM10-500					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	
			SEPLM10-525 (525 Wp)					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						

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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						
56	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		72 FULL CELL	1500	27.09.2022	26.09.2024						
							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						
57	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						
											27.09.2022	26.09.2024						
							iv				Mono C-Si PERC Bi-Facial Modules	E430HCBG120 (430 Wp)	E450HCBG120		120 (Half Cut Cells)	1500	27.09.2022	26.09.2024
													E445HCBG120				27.09.2022	26.09.2024
				E440HCBG120	27.09.2022	26.09.2024												
				E435HCBG120	27.09.2022	26.09.2024												
				E430HCBG120	27.09.2022	26.09.2024												
				E425HCBG120	27.09.2022	26.09.2024												
				E420HCBG120	27.09.2022	26.09.2024												
				E415HCBG120	27.09.2022	26.09.2024												
				E410HCBG120	27.09.2022	26.09.2024												
					27.09.2022	26.09.2024												
					27.09.2022	26.09.2024												
				58	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				27.09.2022	26.09.2024						
							JTSP72F315				27.09.2022	26.09.2024						
JTSP72F320	27.09.2022	26.09.2024																
JTSP72F325	27.09.2022	26.09.2024																
JTSP72F330	27.09.2022	26.09.2024																
	27.09.2022	26.09.2024																
	27.09.2022	26.09.2024																

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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
							JTSP72F335				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
							JTSP66F270				27.09.2022	26.09.2024
							JTSP66F275				27.09.2022	26.09.2024
				iii	Multi C-Si Modules	JTSP66F280 (280 Wp)	JTSP66F280		66 FULL CELL	1500	27.09.2022	26.09.2024
							JTSP66F285				27.09.2022	26.09.2024
							JTSP66F290				27.09.2022	26.09.2024
				iv	Multi C-Si Modules	JTSP66F300 (300 Wp)	JTSP66F295		66 FULL CELL	1500	27.09.2022	26.09.2024
							JTSP66F300				27.09.2022	26.09.2024
							JTSP60F250				27.09.2022	26.09.2024
							JTSP60F255				27.09.2022	26.09.2024
				v	Multi C-Si Modules	JTSP60F260 (260 Wp)	JTSP60F260		60 FULL CELL	1500	27.09.2022	26.09.2024
							JTSP60F265				27.09.2022	26.09.2024
							JTSP60F270				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
							JTSP54F230				27.09.2022	26.09.2024
							JTSP54F235				27.09.2022	26.09.2024
				vii	Multi C-Si Modules	JTSP54F235 (235 Wp)	JTSP54F240		54 FULL CELL	1500	27.09.2022	26.09.2024
							JTSP54F245				27.09.2022	26.09.2024
							JTSP48F200				27.09.2022	26.09.2024
				viii	Multi C-Si Modules	JTSP48F210 (2100 Wp)	JTSP48F205		48 FULL CELL	1500	27.09.2022	26.09.2024
							JTSP48F210				27.09.2022	26.09.2024
							JTSP48F215				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
							JTSP36F150				27.09.2022	26.09.2024
				x	Multi C-Si Modules	JTSP36F155 (155 Wp)	JTSP36F155		36 FULL CELL	1000	27.09.2022	26.09.2024
							JTSP36F160				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
							JTSP72C200				27.09.2022	26.09.2024
							JTSP72C205				27.09.2022	26.09.2024
				xii	Multi C-Si Modules	JTSP72C210 (210 Wp)	JTSP72C210		72 CUT CELL	1500	27.09.2022	26.09.2024
							JTSP72C215				27.09.2022	26.09.2024
							JTSP72C220				27.09.2022	26.09.2024
							JTSP72C250				27.09.2022	26.09.2024
							JTSP72C255				27.09.2022	26.09.2024
				xiii	Multi C-Si Modules	JTSP72C260 (260 Wp)	JTSP72C260		72 CUT CELL	1500	27.09.2022	26.09.2024
							JTSP72C265				27.09.2022	26.09.2024
							JTSP72C270				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
				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
							JTSP36C095				27.09.2022	26.09.2024
				xxviii	Multi C-Si Modules	JTSP36C100 (100 Wp)	JTSP36C100		36 CUT CELL	1000	27.09.2022	26.09.2024
							JTSP36C105				27.09.2022	26.09.2024
							JTSP36C110				27.09.2022	26.09.2024
				xxix	Multi C-Si Modules	JTSP36C115 (115 Wp)	JTSP36C115		36 CUT CELL	1000	27.09.2022	26.09.2024
							JTSP36C120				27.09.2022	26.09.2024
							JTSP36C125				27.09.2022	26.09.2024
				xxx	Multi C-Si Modules	JTSP36C130 (130 Wp)	JTSP36C130		36 CUT CELL	1000	27.09.2022	26.09.2024
							JTSP36C135				27.09.2022	26.09.2024
							JTSP36C140				27.09.2022	26.09.2024

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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
				xxxi	Multi C-Si Modules	JTSP36C145 (145 Wp)	JTSP36C145		36 CUT CELL	1000	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)	JTSM72F400		66 FULL CELL	1500	27.09.2022	26.09.2024
							JTSM66F335				27.09.2022	26.09.2024
							JTSM66F340				27.09.2022	26.09.2024
							JTSM66F345				27.09.2022	26.09.2024
							JTSM66F350				27.09.2022	26.09.2024
				xxxiv	Mono PERC C-Si Modules	JTSM60F310 (310 Wp)	JTSM66F355		60 FULL CELL	1500	27.09.2022	26.09.2024
							JTSM66F360				27.09.2022	26.09.2024
							JTSM60F300				27.09.2022	26.09.2024
JTSM60F305	27.09.2022	26.09.2024										
JTSM60F310	27.09.2022	26.09.2024										
xxxv	Mono PERC C-Si Modules	JTSM54F290 (290 Wp)	JTSM60F315		54 FULL CELL	1500	27.09.2022	26.09.2024				
			JTSM60F320				27.09.2022	26.09.2024				
			JTSM60F325				27.09.2022	26.09.2024				
			JTSM54F280				27.09.2022	26.09.2024				
			JTSM54F285				27.09.2022	26.09.2024				
xxxvi	Mono PERC C-Si Modules	JTSM48F250 (250 Wp)	JTSM54F295		48 FULL CELL	1500	27.09.2022	26.09.2024				
			JTSM54F300				27.09.2022	26.09.2024				
			JTSM48F245				27.09.2022	26.09.2024				
			JTSM48F250				27.09.2022	26.09.2024				
xxxvii	Mono PERC C-Si Modules	JTSM42F220 (220 Wp)	JTSM48F255		42 FULL CELL	1500	27.09.2022	26.09.2024				
			JTSM48F260				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				
59	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)	SK72C315W		72 FULL CELL	1000	27.09.2022	26.09.2024
							SK72C320W				27.09.2022	26.09.2024
60	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)	SK72C325W		72 Full Cells	1500	25.01.2023	24.01.2025
							SK72C300W				25.01.2023	24.01.2025
				ii	Multi C-Si Modules	ASP-315 (325 Wp)	ASPD-325		72 Full Cells	1500	25.01.2023	24.01.2025
							ASP-315				25.01.2023	24.01.2025
				iii	Multi C-Si Modules	ASP-265 (265 Wp)	ASP-325		60 Full Cells	1500	25.01.2023	24.01.2025
							ASP-335				25.01.2023	24.01.2025
							ASP-260				25.01.2023	24.01.2025
				iv	Multi C-Si Modules	ASPD-265 (265 Wp)	ASP-265		60 Full Cells	1500	25.01.2023	24.01.2025
							ASP-270				25.01.2023	24.01.2025
							ASP-275				25.01.2023	24.01.2025
							ASPD-260				25.01.2023	24.01.2025
				v	Multi C-Si Modules	ASPD-240 (240 Wp)	ASPD-265		54 Full Cells	1500	25.01.2023	24.01.2025
							ASPD-270				25.01.2023	24.01.2025
				vi	Multi C-Si Modules	ASPD-200 (200 Wp)	ASPD-275		42 Full Cells	1500	25.01.2023	24.01.2025
							ASPD-200				25.01.2023	24.01.2025
				vii	Multi C-Si Modules	ASPD-160 (160 Wp)	ASPD-230		36 Full Cells	1000	25.01.2023	24.01.2025
ASPD-240	25.01.2023	24.01.2025										
viii	Multi C-Si Modules	ASPD-125 (125 Wp)	ASPD-190		36 Cut Cells	1000	25.01.2023	24.01.2025				
			ASPD-200				25.01.2023	24.01.2025				
ix	Multi C-Si Modules	ASP-100 (100 Wp)	ASP-160		36 Cut Cells	1000	25.01.2023	24.01.2025				
			ASP-100				25.01.2023	24.01.2025				

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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						
				v	Multi C-Si Modules	DHOOP PP60 260 (260Wp)	DHOOP PP60 260Wp		60 (Full Cells)	1500	25.01.2023	24.01.2025						
							DHOOP PP60 265Wp				25.01.2023	24.01.2025						
							DHOOP PP60 270Wp				25.01.2023	24.01.2025						
				vi	Multi C-Si Modules	DHOOP PP60 280 (280Wp)	DHOOP PP60 275Wp		60 (Full Cells)	1500	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						
							89				DHOOP PP36 100Wp		36 (Cut Cells)	1500	25.01.2023	24.01.2025		
											DHOOP PP36 110Wp				25.01.2023	24.01.2025		
											DHOOP PP36 120Wp				25.01.2023	24.01.2025		
											DHOOP PP36 150 (150Wp)				25.01.2023	24.01.2025		
DHOOP PP36 160 (160Wp)	25.01.2023	24.01.2025																
DHOOP PP36 40 (40Wp)	25.01.2023	24.01.2025																
DHOOP PP36 50 (50Wp)	25.01.2023	24.01.2025																
DHOOP PP36 60 (60Wp)	25.01.2023	24.01.2025																
DHOOP PP36 75 (75Wp)	25.01.2023	24.01.2025																
DHOOP PP36 80 (80Wp)	25.01.2023	24.01.2025																
64	M/s. Sunify Solar LLP	Sr. 624 on N/H- 947, Village Sarvad TA Morbi-363660, Gujarat, India	89				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
							iv				Multi C-Si Modules	SS60F265P (265 Wp)	SS60F260P		60 (Full Cell)	1500	25.01.2023	24.01.2025
													SS60F265P				25.01.2023	24.01.2025
							v				Mono C-Si PERC Modules	SS72F385M (385 Wp)	SS60F270P		72 (Full Cell)	1500	25.01.2023	24.01.2025
													SS72F370M				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
													SS66F340M				25.01.2023	24.01.2025
													SS66F345M				25.01.2023	24.01.2025
													SS66F350M				25.01.2023	24.01.2025
							vii				Mono C-Si PERC Modules	SS60F310M (310 Wp)	SS66F355M		60 (Full Cell)	1500	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
							viii				Mono C-Si PERC Modules	SS144C390M (390 Wp)	SS60F320M		144 (Half Cut Cell)	1500	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
													SS132C480M		20.21		25.01.2023	24.01.2025

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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
				ix	Mono c-Si PERC Module	SS132C490M (490 Wp)	SS132C485M	20.42	132 (Half Cut Cell)	1500	25.01.2023	24.01.2025
							SS132C490M	20.64			25.01.2023	24.01.2025
							SS132C495M	20.85			25.01.2023	24.01.2025
							SS132C500M	21.06			25.01.2023	24.01.2025
				x	Mono c-Si PERC Module	SS144C505M (505 Wp)	SS144C505M	19.55	144 (Half Cut Cell)	1500	25.01.2023	24.01.2025
							SS144C510M	19.74			25.01.2023	24.01.2025
				xi	Mono c-Si PERC Module	SS144C535M (535 Wp)	SS144C515M	19.94	144 (Half Cut Cell)	1500	25.01.2023	24.01.2025
							SS144C520M	20.13			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
				xii	Mono c-Si PERC Module	SS156C565M (565 Wp)	SS156C565M	20.21	156 (Half Cut Cell)	1500	25.01.2023	24.01.2025
							SS156C570M	20.39			25.01.2023	24.01.2025
							SS156C575M	20.57			25.01.2023	24.01.2025
							SS156C580M	20.75			25.01.2023	24.01.2025
65	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
				viii	Mono PERC C-Si Module	SUN144P535 (535 Wp)	SUN72P335		144 (Half Cut Cell)	1500	25.01.2023	24.01.2025
SUN144P550	21.34	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									
SUN144P520	20.18	25.01.2023	24.01.2025									
SUN120P465	21.45	25.01.2023	24.01.2025									
ix	Mono PERC C-Si Module	SUN120P445 (445 Wp)	SUN120P460				21.23	120 (Half Cut Cell)			1500	25.01.2023
			SUN120P455	21.01	25.01.2023	24.01.2025						
			SUN120P450	20.79	25.01.2023	24.01.2025						

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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				
					Mono PERC C-Si Module	SUN108P410 (410 Wp)	SUN120P445	20.55	108 (Half Cut Cell)	1500	25.01.2023	24.01.2025				
							SUN120P440	20.3			25.01.2023	24.01.2025				
							SUN120P435	20.07			25.01.2023	24.01.2025				
							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									
				66	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)	ASM560		156 (Half Cut Cells)	1500	25.01.2023	24.01.2025
											ASM565				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													
ii	Mono PERC C-Si Module	ASM530 (530 Wp)	ASM505						144 (Half Cut Cells)	1500	25.01.2023	24.01.2025				
			ASM510								25.01.2023	24.01.2025				
			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				
			ASM545								25.01.2023	24.01.2025				
			ASM550								25.01.2023	24.01.2025				
iii	Mono PERC C-Si Module	ASM480 (480 Wp)	ASM500						132 (Half Cut Cells)	1500	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				
			ASM480								25.01.2023	24.01.2025				
			ASM475								25.01.2023	24.01.2025				
			ASM470								25.01.2023	24.01.2025				
			ASM465								25.01.2023	24.01.2025				
iv	Mono PERC C-Si Module	ASM430 (430 Wp)	ASM460						120 (Half Cut Cells)	1500	25.01.2023	24.01.2025				
			ASM450								25.01.2023	24.01.2025				
			ASM445								25.01.2023	24.01.2025				
			ASM440								25.01.2023	24.01.2025				
			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										
v	Mono PERC C-Si Module	ASM260 (260 Wp)	ASM250		72 (Half Cut Cells)	1500	25.01.2023	24.01.2025								
			ASM255				25.01.2023	24.01.2025								
			ASM260				25.01.2023	24.01.2025								
			ASM265				25.01.2023	24.01.2025								
vi	Mono PERC C-Si Module	ASM130 (130 Wp)	ASM270		36 (Half Cut Cells)	1500	25.01.2023	24.01.2025								
			ASM125				25.01.2023	24.01.2025								
72	M/s. Bharat Heavy Electricals. Ltd	P.B No-1245, Malleshwaram West, Bangalore-560012, Karnataka	214	i	Multi C-Si Modules	L20265P-265W (265 Wp)	ASM135		60 (Full Cells)	1000	25.01.2023	24.01.2025				
							AS325WP				25.01.2023	24.01.2025				
							AS330WP				25.01.2023	24.01.2025				
							AS335WP				25.01.2023	24.01.2025				
							AS340WP				25.01.2023	24.01.2025				
							AS345WP				25.01.2023	24.01.2025				
							L20265P-255W				25.01.2023	24.01.2025				
							L20265P-260W				25.01.2023	24.01.2025				
							L20265P-265W				25.01.2023	24.01.2025				
							L20265P-270W				25.01.2023	24.01.2025				
L20265P-275W		25.01.2023	24.01.2025													
L24315P-300W		25.01.2023	24.01.2025													

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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 Bifacial C-Si Module	CS-QB525-110 (525 Wp)	CS-QB560-120		110 (Half Cut Cell)	1500	25.01.2023	24.01.2025				
							CS-QB555-120				25.01.2023	24.01.2025				
							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-QB515-110				25.01.2023	24.01.2025				
							CS-QB510-110				25.01.2023	24.01.2025				
							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										
				CS-HN510-144	25.01.2023	24.01.2025										
				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										
				CS-SN320-144	25.01.2023	24.01.2025										
				CS-SN315-144	25.01.2023	24.01.2025										
				CS-SN310-144	25.01.2023	24.01.2025										
				69	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)	SGM-400		72 (Full Cell)	1500	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
								SGM-375	25.01.2023	24.01.2025						
								ii	Mono PERC C-Si Modules	SGM-345 (345 Wp)	SGM-345		66 (Full Cell)	1500	25.01.2023	24.01.2025
SGM-340	25.01.2023	24.01.2025														
iii	Mono PERC C-Si Modules	SGM-330 (330 Wp)	SGM-330						66 (Full Cell)	1500	25.01.2023	24.01.2025				
iv	Mono PERC C-Si Modules	SGM-150 (150 Wp)	SGM-150						36 (Full Cell)	1500	25.01.2023	24.01.2025				
v	Multi C-Si Modules	SG-315 (315 Wp)	SG-330		72 (Full Cell)	1500	25.01.2023	24.01.2025								
			SG-325				25.01.2023	24.01.2025								
			SG-320				25.01.2023	24.01.2025								
			SG-315				25.01.2023	24.01.2025								
			SG-310				25.01.2023	24.01.2025								
SG-300	25.01.2023	24.01.2025														
vi	Multi C-Si Modules	SG-300Z (300 Wp)	SG-300Z		66 (Full Cell)	1500	25.01.2023	24.01.2025								
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								
70	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				
							H315P72				25.01.2023	24.01.2025				

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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	Multi C-Si Modules	H335P72 (335 Wp)	H320P72 H325P72 H330P72 H335P72		72 (Full Cell)	1500	25.01.2023	24.01.2025
				iii	Multi C-Si Modules	H155P36 (155 Wp)	H150P36 H155P36 H160P36		36 (Full Cell)	1500	25.01.2023	24.01.2025
71	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
72	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
				xi	Multi C-Si Modules	PS36CPD115Wp (115 Wp)	PS36CPD110Wp 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
						PS36FPD150Wp					25.01.2023	24.01.2025

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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
				xvi	Multi C-Si Modules	PS36FPD155Wp (155 Wp)	PS36FPD155Wp		36 (Full Cells)	1000	25.01.2023	24.01.2025
							PS36FPD160Wp				25.01.2023	24.01.2025
				xvii	Multi C-Si Modules	PS60FPD260Wp (260 Wp)	PS60FPD250Wp		60 (Full Cells)	1500	25.01.2023	24.01.2025
							PS60FPD255Wp				25.01.2023	24.01.2025
							PS60FPD260Wp				25.01.2023	24.01.2025
							PS60FPD265Wp				25.01.2023	24.01.2025
							PS60FPD270Wp				25.01.2023	24.01.2025
							PS60FP250Wp				25.01.2023	24.01.2025
				xviii	Multi C-Si Modules	PS60FP260Wp (260 Wp)	PS60FP255Wp		60 (Full Cells)	1500	25.01.2023	24.01.2025
							PS60FP260Wp				25.01.2023	24.01.2025
							PS60FP265Wp				25.01.2023	24.01.2025
							PS60FP270Wp				25.01.2023	24.01.2025
				xix	Multi C-Si Modules	PS72FP320Wp (320 Wp)	PS72FP305Wp		72 (Full Cells)	1500	25.01.2023	24.01.2025
							PS72FP310Wp				25.01.2023	24.01.2025
							PS72FP315Wp				25.01.2023	24.01.2025
							PS72FP320Wp				25.01.2023	24.01.2025
							PS72FP325Wp				25.01.2023	24.01.2025
							PS72FP330Wp				25.01.2023	24.01.2025
							PS72FP335Wp				25.01.2023	24.01.2025
							PS72FPD300Wp				25.01.2023	24.01.2025
				xx	Multi C-Si Modules	PS72FPD315Wp (315 Wp)	PS72FPD305Wp		72 (Full Cells)	1500	25.01.2023	24.01.2025
							PS72FPD310Wp				25.01.2023	24.01.2025
PS72FPD315Wp	25.01.2023	24.01.2025										
PS72FPD320Wp	25.01.2023	24.01.2025										
PS72FPD325Wp	25.01.2023	24.01.2025										
PS72FPD330Wp	25.01.2023	24.01.2025										
xxi	Mono C-Si Modules	PS72FMP360Wp (360Wp)	PS72FMP355Wp		72 (Full Cells)	1500	25.01.2023	24.01.2025				
			PS72FMP360Wp				25.01.2023	24.01.2025				
			PS72FMP370Wp				25.01.2023	24.01.2025				
xxii	Mono C-Si Modules	PS72FMP390Wp (390 Wp)	PS72FMP380Wp		72 (Full Cells)	1500	25.01.2023	24.01.2025				
			PS72FMP390Wp				25.01.2023	24.01.2025				
			PS72FMP395Wp				25.01.2023	24.01.2025				
73	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
				ii	Multi C-Si Modules	USEL320P72 (320 Wp)	USEL310P72		72 (Full Cell)	1500	25.01.2023	24.01.2025
							USEL315P72				25.01.2023	24.01.2025
							USEL320P72				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
74	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
							UTL520-72M				27.02.2023	26.02.2025
							UTL540-144M				27.02.2023	26.02.2025
				ii	Mono PERC C-Si Modules	UTL530-144M (530 Wp)	UTL535-144M		144 (Half Cut Cell)	1500 V	27.02.2023	26.02.2025
							UTL530-144M				27.02.2023	26.02.2025
							UTL525-144M				27.02.2023	26.02.2025
							UTL520-144M				27.02.2023	26.02.2025
							UTL440-72M				27.02.2023	26.02.2025
							UTL435-72M				27.02.2023	26.02.2025
				iii	Mono PERC C-Si Modules	UTL435-72M (435 Wp)	UTL430-72M		72 (Full Cell)	1500 V	27.02.2023	26.02.2025
							UTL430-72M				27.02.2023	26.02.2025
							UTL430-72M				27.02.2023	26.02.2025
							UTL430-72M				27.02.2023	26.02.2025
							UTL430-72M				27.02.2023	26.02.2025
							UTL425-72M				27.02.2023	26.02.2025

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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 C-Si Modules	UTL435-144M (435 Wp)	UTL440-144M		144 (Half Cut Cell)	1500 V	27.02.2023	26.02.2025
			UTL435-144M					27.02.2023			26.02.2025	
			UTL430-144M					27.02.2023			26.02.2025	
			UTL425-144M					27.02.2023			26.02.2025	
			v	Mono PERC C-Si Modules	UTL395-72MI (395 Wp)	UTL400-72MI		72 (Full Cell)	1500 V	27.02.2023	26.02.2025	
						UTL395-72MI				27.02.2023	26.02.2025	
						UTL385-72MI				27.02.2023	26.02.2025	
						UTL380-72MI				27.02.2023	26.02.2025	
			vi	Mono PERC C-Si Modules	UTL395-72M (395 Wp)	UTL400-72M		72 (Full Cell)	1500 V	27.02.2023	26.02.2025	
						UTL395-72M				27.02.2023	26.02.2025	
						UTL390-72M				27.02.2023	26.02.2025	
						UTL385-72M				27.02.2023	26.02.2025	
			vii	Multi- C-Si Modules	UTL335-72PI (335 Wp)	UTL335-72PI		72 (Full Cell)	1500 V	27.02.2023	26.02.2025	
						UTL330-72PI				27.02.2023	26.02.2025	
			viii	Multi- C-Si Modules	UTL335-72P (335 Wp)	UTL335-72P		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	
						UTL265-60PI				27.02.2023	26.02.2025	
			x	Multi- C-Si Modules	UTL270-60P (270 Wp)	UTL275-60P		60 (Full Cell)	1500 V	27.02.2023	26.02.2025	
						UTL270-60P				27.02.2023	26.02.2025	
						UTL265-60P				27.02.2023	26.02.2025	
			xi	Mono PERC C-Si Modules	UTL195-36MI (195 Wp)	UTL200-36MI		36 (Full Cell)	1500 V	27.02.2023	26.02.2025	
						UTL195-36MI				27.02.2023	26.02.2025	
						UTL190-36MI				27.02.2023	26.02.2025	
			xii	Mono PERC C-Si Modules	UTL200-36M (200 Wp)	UTL205-36M		36 (Full Cell)	1500 V	27.02.2023	26.02.2025	
						UTL200-36M				27.02.2023	26.02.2025	
						UTL195-36M				27.02.2023	26.02.2025	
						UTL190-36M				27.02.2023	26.02.2025	
			xiii	Multi- C-Si Modules	UTL160-36PI (160 Wp)	UTL165-36PI		36 (Full Cell)	1500 V	27.02.2023	26.02.2025	
						UTL160-36PI				27.02.2023	26.02.2025	
						UTL155-36PI				27.02.2023	26.02.2025	
			iv	Multi- C-Si Modules	UTL150-36PI (150 Wp)	UTL150-36PI		36 (Full Cell)	1500 V	27.02.2023	26.02.2025	
			v	Multi- C-Si Modules	UTL160-36P (160 Wp)	UTL165-36P		36 (Full Cell)	1500 V	27.02.2023	26.02.2025	
						UTL160-36P				27.02.2023	26.02.2025	
						UTL155-36P				27.02.2023	26.02.2025	
			vi	Multi- C-Si Modules	UTL150-36P (150 Wp)	UTL150-36P		36 (Full Cell)	1500 V	27.02.2023	26.02.2025	
			vii	Multi- C-Si Modules	UTL125-36PI (125 Wp)	UTL125-36PI		36 (Cut Cell)	1500 V	27.02.2023	26.02.2025	
						27.02.2023	26.02.2025					
			viii	Multi- C-Si Modules	UTL125-36P (125 Wp)	UTL125-36P		36 (Cut Cell)	1500 V	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	
			xx	Multi- C-Si Modules	UTL105-36PI (105 Wp)	UTL110-36PI		36 (Cut Cell)	1500 V	27.02.2023	26.02.2025	
						UTL105-36PI				27.02.2023	26.02.2025	
						UTL100-36PI				27.02.2023	26.02.2025	
			xxi	Multi- C-Si Modules	UTL85-36PI (85 Wp)	UTL85-36PI		36 (Cut Cell)	1500 V	27.02.2023	26.02.2025	
			xxii	Multi- C-Si Modules	UTL80-36PI (80 Wp)	UTL80-36PI		36 (Cut Cell)	1500 V	27.02.2023	26.02.2025	
						27.02.2023	26.02.2025					
			xxiii	Multi- C-Si Modules	UTL85-36P (85 Wp)	UTL85-36P		36 (Cut Cell)	1500 V	27.02.2023	26.02.2025	
						27.02.2023	26.02.2025					

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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		
				xiv	Multi- C-Si Modules	UTL80-36P (80 Wp)	UTL80-36P		36 (Cut Cell)	1500 V	27.02.2023	26.02.2025		
													27.02.2023	26.02.2025
				xv	Multi- C-Si Modules	UTL75-36P (75 Wp)	UTL75-36P		36 (Cut Cell)	1500 V	27.02.2023	26.02.2025		
													27.02.2023	26.02.2025
				xvi	Multi- C-Si Modules	UTL75-36PI (75 Wp)	UTL75-36PI		36 (Cut Cell)	1500 V	27.02.2023	26.02.2025		
													27.02.2023	26.02.2025
				xvii	Multi- C-Si Modules	UTL60-36P (60 Wp)	UTL60-36P		36 (Cut Cell)	1500 V	27.02.2023	26.02.2025		
													27.02.2023	26.02.2025
				xviii	Multi- C-Si Modules	UTL60-36PI (60 Wp)	UTL60-36PI		36 (Cut Cell)	1500 V	27.02.2023	26.02.2025		
													27.02.2023	26.02.2025
				xxix	Multi- C-Si Modules	UTL55-36PI (55 Wp)	UTL55-36PI		36 (Cut Cell)	1500 V	27.02.2023	26.02.2025		
									27.02.2023	26.02.2025				
xxx	Multi- C-Si Modules	UTL50-36PI (50 Wp)	UTL50-36PI		36 (Cut Cell)	1500 V	27.02.2023	26.02.2025						
									27.02.2023	26.02.2025				
xxxi	Multi- C-Si Modules	UTL50-36P (50 Wp)	UTL50-36P		36 (Cut Cell)	1500 V	27.02.2023	26.02.2025						
									27.02.2023	26.02.2025				
xxxii	Multi- C-Si Modules	UTL45-36PI (45 Wp)	UTL45-36PI		36 (Cut Cell)	1500 V	27.02.2023	26.02.2025						
									27.02.2023	26.02.2025				
xxxiii	Multi- C-Si Modules	UTL40-36P (40 Wp)	UTL40-36P		36 (Cut Cell)	1500 V	27.02.2023	26.02.2025						
									27.02.2023	26.02.2025				
75	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		72 (Full Cells)	1500	27.02.2023	26.02.2025		
							GM365F72				27.02.2023	26.02.2025		
							GM370F72				27.02.2023	26.02.2025		
							GM375F72				27.02.2023	26.02.2025		
							GM380F72				27.02.2023	26.02.2025		
							GM385F72				27.02.2023	26.02.2025		
				GM390F72		27.02.2023	26.02.2025							
				ii	Multi C-Si Module	GI320F72 (320 Wp)	GI305F72		72 (Full Cells)	1500	27.02.2023	26.02.2025		
							GI310F72				27.02.2023	26.02.2025		
							GI315F72				27.02.2023	26.02.2025		
							GI320F72				27.02.2023	26.02.2025		
							GI325F72				27.02.2023	26.02.2025		
				iii	Multi C-Si Module	GI165F36 (165 Wp)	GI330F72		36 (Full Cells)	1000	27.02.2023	26.02.2025		
GI335F72		27.02.2023	26.02.2025											
iv	Multi C-Si Module	GI150F36 (150 Wp)	GI165F36		36 (Full Cells)	1000	27.02.2023	26.02.2025						
			GI170F36				27.02.2023	26.02.2025						
76	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	21.12	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027		
							SS 540-144R M10	20.92			31.05.2023	30.05.2027		
							SS 535-144R M10	20.73			31.05.2023	30.05.2027		
							SS 530-144R M10	20.54			31.05.2023	30.05.2027		
							SS 525-144R M10	20.34			31.05.2023	30.05.2027		
				ii	Mono PERC C-Si Modules	SS 495-132R M10 (495 Wp)	SS 500-132R M10	21.06	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027		
							SS 495-132R M10	20.85			31.05.2023	30.05.2027		
							SS 490-132R M10	20.64			31.05.2023	30.05.2027		
							RSL72FM-390WP	19.6			31.05.2023	30.05.2027		
							RSL72FM-380WP	19.4			31.05.2023	30.05.2027		
77	M/s. Rhine Solar Limited	Killa No. 80/6, Janti Kalan Rd, Sersa, Kundli, Sonipat-131028, Haryana	43	i	Mono PERC C-Si Module	RSL72FM-380WP, (380 Wp)	RSL72FM-370WP	19.2	72 (Full Cell)	1500	31.05.2023	30.05.2027		
											31.05.2023	30.05.2027		
											31.05.2023	30.05.2027		
78	M/s Swelect HHV Solar Photovoltaics Pvt. Ltd	SF – No. 169/1-2 , 168/3A-3E,169/4-9,166/1B1B,166/1B2A-2E,166/1B2L,166/1B2M, Kuppapaalayam Village, Avinashi Taluk, Coimbatore-641107, Tamil Nadu	153	i	Mono-PERC C-Si Module	SWM11BN6520 (520 Wp)	SWM11BN6540	20.77	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027		
							SWM11BN6535	20.57			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		

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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-PERC C-Si Module	SWM11BN4475 (475 Wp)	SWM11BN6500	19.23	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027					
							SWM11BN4495	20.71			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					
							SWM11BN4455	19.04			31.05.2023	30.05.2027					
							iii	Mono-PERC C-Si Module			SWM11BN2430 (430 Wp)	SWM11BN2450	20.65	120 (Half Cut Cell)	1500	31.05.2023	30.05.2027
												SWM11BN2445	20.42			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								
				SWM11BN2415	19.04	31.05.2023			30.05.2027								
				iv	Mono-PERC C-Si Module	SWM11BN0390 (390 Wp)	SWM11BN0405	20.57	108 (Half Cut Cell)	1500	31.05.2023	30.05.2027					
							SWM11BN0400	20.32			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					
							79	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
				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								
				80	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-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														
ii	Bifacial Mono PERC c-Si Modules	INA-144MHC-TF-530	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					
iii	Mono PERC c-Si Modules	INA-132MHC-WF-490	INA-144MHC-TF-540				20.91	132 (Half Cut Cell)		1500	31.05.2023	30.05.2027					
			INA-144MHC-TF-545				21.11				31.05.2023	30.05.2027					
			INA-132MHC-WF-480				20.19				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					
			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									

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 17.08.2023)

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-TF-495	20.83			31.05.2023	30.05.2027
							INA-132MHC-TF-500	21.04			31.05.2023	30.05.2027
				v	Mono PERC c-Si Modules	INA-120MHC-WF-440	INA-120MHC-WF-435	20.04	120 (Half Cut Cell)	1500	31.05.2023	30.05.2027
						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	
						INA-120MHC-TF-435	20.04	31.05.2023			30.05.2027	
				vi	Bifacial Mono PERC c-Si Modules	INA-120MHC-TF-440	INA-120MHC-TF-440	20.27	120 (Half Cut Cell)	1500	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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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: 26th July, 2023

To,

M/s. Bluebird Solar Private Limited,
Plot No: 5, Ecotech-II, Udyog Vihar,
Khasra No. 739, Greater Noida - 201306,
Uttar Pradesh, India.
Email id: abhay@bluebirdsolar.in

Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Bluebird Solar Private Limited- reg.

Sir,

This is in reference to the application received from M/s. Bluebird Solar Private Limited 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's 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. Bluebird Solar Private Limited**, Plot No: 5, Ecotech-II, Udyog Vihar, Khasra No. 739, Greater Noida - 201306, Uttar Pradesh, India, in respect of 03 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.

Appendix-I

Name of Manufacturer	Bluebird Solar Private Limited
Plant Address	Plot No: 5, Ecotech-II, Udyog Vihar, Khasra No. 739, Greater Noida-201306, Uttar Pradesh, India.
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	21 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 Module	BBS24MC460	BBS24MC440	19.73	120 Half Cut Cell	1500	
			BBS24MC445	19.95			
			BBS24MC450	20.18			
			BBS24MC455	20.40			
			BBS24MC460	20.63			
			BBS24MC465	20.85			
			BBS24MC470	21.08			
			BBS24MC475	21.31			
2.	Mono c-Si Module	BBS24MC495	BBS24MC480	19.45	132 Half Cut Cells	1500	Provisionally Enlisted in ALMM
			BBS24MC485	19.65			
			BBS24MC490	19.85			
			BBS24MC495	20.05			
			BBS24MC500	20.25			
			BBS24MC505	20.46			
			BBS24MC510	20.66			
3.	Mono c-Si Module	BBS24MC525	BBS24MC515	19.96	144 Half Cut Cells	1500	
			BBS24MC520	20.15			
			BBS24MC525	20.34			
			BBS24MC530	20.53			
			BBS24MC535	20.73			
			BBS24MC540	20.92			
			BBS24MC545	21.12			
			BBS24MC550	21.31			



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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: 03rd August, 2023

To,

M/s. Goldi Sun Private Limited
City Survey No. 920,
Vijalpore Road, TA,
Distt. Navsari, Gujarat - 396445, India.
Email id: bharat@goldi.one

Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Goldi Sun Private Limited - reg.

Sir,

This is in reference to the application received from M/s. Goldi Sun Private Limited 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's O.M. 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. Goldi Sun Private Limited, City Survey No. 920, Vijalpore Road, TA, Distt. Navsari, Gujarat - 396445, India, in respect of 03 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: PS 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.

Appendix-I

Name of Manufacturer	Goldi Sun Private Limited
Plant Address	City Survey No. 920, Vijalpore Road, TA, Distt. Navsari, Gujarat – 396445, India.
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	1037 MW/Year
Application Type	Model Addition

Details of Additional Models:

Sl. 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	GS10-M144-WF-525, (525Wp)	GS10-M144-WF-500	19.36	144 Half Cut Cells	1500	Provisionally Enlisted in ALMM
			GS10-M144-WF-505	19.56			
			GS10-M144-WF-510	19.75			
			GS10-M144-WF-515	19.94			
			GS10-M144-WF-520	20.14			
			GS10-M144-WF-525	20.33			
			GS10-M144-WF-530	20.53			
			GS10-M144-WF-535	20.73			
			GS10-M144-WF-545	21.12			
			GS10-M144-WF-550	21.31			
2.	Mono C-Si PERC Bifacial Modules	GS10-B144-TF-545, (545Wp)	GS10-B144-TF-545	21.12	144 Half Cut Cells	1500	
			GS10-B144-TF-550	21.31			
3.	Mono C-Si PERC Bifacial Modules	GS10-B144-GF-545, (545Wp)	GS10-B144-GF-545	21.12	144 Half Cut Cells	1500	
			GS10-B144-GF-550	21.31			