

F. No. 283/54/2018-GRID SOLAR-Part(1)
भारत सरकार / Government of India
नवीन और नवीकरणीय ऊर्जा मंत्रालय / Ministry of New & Renewable Energy
ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi - 110003.
Dated: 27th September, 2022

OFFICE MEMORANDUM

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

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

2. The List - I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 has been updated vide this Ministry's O.M.s of even no. dated 17.08.2021, 29.09.2021, 10.11.2021, 30.12.2021, 04.03.2022, 05.04.2022 & 18.08.2022.
3. This Ministry has further updated the List - I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 as on 27.09.2022, i.e. Revision - VIII and the same is enclosed herewith as Annexure - I.
4. This is being issued with the approval of Hon'ble Minister (NRE & Power).



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To: All Concerned

CC: 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 27.09.2022)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	No. of Cells in Module	System Voltage (in Volt)	Validity	
										From	To
1	Mundra Solar PV Ltd.	Tunda, Mundra SEZ, Mundra, Gujarat, India	1100	i	Multi C-Si Modules	ENCORE Series, ASP-7-335 (335 Wp)	ASP-7-325	72 (Full Cells)	1500	10.03.2021	09.03.2023
							ASP-7-330				
							ASP-7-335				
							ASP-7-340				
							ASP-7-345				
							ASP-7-350				
				ii	Mono C-Si PERC Modules	ETERNAL Series, ASM-7-PERC-375 (375 Wp)	ASM-7-PERC-360	72 (Full Cells)	1500	10.03.2021	09.03.2023
							ASM-7-PERC-365				
							ASM-7-PERC-370				
							ASM-7-PERC-375				
							ASM-7-PERC-380				
							ASM-7-PERC-385				
2	Vikram Solar Ltd.	Falta SEZ, South 24 Parganas, 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	09.03.2023
							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	09.03.2023
							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	09.03.2023
							VSM.72.375.05				
							VSMH.72.380.05				
				iv	Mono Crystalline Silicon Module	Somera VSMH.72.390.05 (390 Wp)	VSMH.72.385.05	144 (Half Cut Cells)	1500	10.03.2021	09.03.2023
							VSMH.72.390.05				
							VSMH.72.395.05				
							VSMH.72.400.05				
				v	Mono Crystalline Silicon Module	PREXOS VSM DHT.72.445.05 (445Wp)	PREXOS VSM DHT.72.435.05	144 (Half Cut Cells)	1500	10.03.2021	09.03.2023
							PREXOS VSM DHT.72.440.05				
							PREXOS VSM DHT.72.445.05				
							PREXOS VSM DHT.72.450.05				
				vi	Mono Crystalline Silicon Module	SOMERA VSMH.72.440.05 (440Wp)	SOMERA VSMH.72.430.05	144 (Half Cut Cells)	1500	10.03.2021	09.03.2023
							SOMERA VSMH.72.435.05				
							SOMERA VSMH.72.440.05				
							SOMERA VSMH.72.445.05				
							SOMERA VSMH.72.450.05				
3	Bharat Electronics Ltd.	Jalahalli, Bengaluru, Karnataka, India	10	i	Multi C-Si Module	BEP-A.320 (320 Wp)	BEP-A.310	72 (Full Cells)	1500	10.03.2021	09.03.2023
							BEP-A.315				
							BEP-A.320				
							BEP-A.325				
							BEP-A.330				
							BEP-A.335				
				ii	Mono C-Si Module	BE-A.320 (320 Wp)	BE-A.310	72 (Full Cells)	1500	10.03.2021	09.03.2023
							BE-A.315				
							BE-A.320				
							BE-A.325				
							BE-A.330				
							BE-A.335				
4	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	09.03.2023
							E325P72				
							E330P72				
							E335P72				
							E340P72				
							E345P72				
							E350P72				
				ii	Multi C-Si Module	E280P60 (280 Wp)	E270P60	60 (Full Cells)	1500	10.03.2021	09.03.2023
							E275P60				
							E280P60				
							E285P60				
							E290P60				
				iii	Mono PERC Module	E380M72 (380 Wp)	E365M72	72 (Full Cells)	1500	10.03.2021	09.03.2023
							E370M72				
							E375M72				
							E380M72				

List of Manufacturers and Models of Solar PV Modules enlisted under ALMM Order (As on 27.09.2022)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	No. of Cells in Module	System Voltage (in Volt)	Validity	
										From	To
							E385M72				
							E390M72				
							E395M72				
				iv	Mono PERC Module	E315M60 (315 Wp)	E300M60	60 (Full Cells)	1500	10.03.2021	09.03.2023
							E305M60				
							E310M60				
							E315M60				
							E320M60				
							E325M60				
							E330M60				
5	ORB Energy Pvt. Ltd.	Yeshwanthapura, Bengaluru, Karnataka, India	68	i	Multi C-Si Module	Orb320P72-15 (320 Wp)	Orb305P72-15	72 (Full Cells)	1500	10.03.2021	09.03.2023
							Orb310P72-15				
							Orb315P72-15				
							Orb320P72-15				
							Orb325P72-15				
							Orb330P72-15				
							Orb335P72-15				
				ii	Multi C-Si Module	Orb270P60-15 (270 Wp)	Orb260P60-15	60 (Full Cells)	1500	10.03.2021	09.03.2023
							Orb265P60-15				
							Orb270P60-15				
							Orb275P60-15				
							Orb280P60-15				
				iii	Multi C-Si Module	Orb320P72 (320 Wp)	Orb305P72	72 (Full Cells)	1000	10.03.2021	09.03.2023
							Orb310P72				
							Orb315P72				
							Orb320P72				
							Orb325P72				
							Orb330P72				
							Orb335P72				
				iv	Multi C-Si Module	Orb270P60 (270 Wp)	Orb260P60	60 (Full Cells)	1000	10.03.2021	09.03.2023
							Orb265P60				
							Orb270P60				
							Orb275P60				
							Orb280P60				
				v	Mono C-Si Module	Orb370M72-15 (370 Wp)	Orb355M72-15	72 (Full Cells)	1500	10.03.2021	09.03.2023
							Orb360M72-15				
							Orb365M72-15				
							Orb370M72-15				
							Orb375M72-15				
							Orb380M72-15				
							Orb385M72-15				
				vi	Mono C-Si Module	Orb305M60-15 (305 Wp)	Orb290M60-15	60 (Full Cells)	1500	10.03.2021	09.03.2023
							Orb295M60-15				
							Orb300M60-15				
							Orb305M60-15				
							Orb310M60-15				
							Orb315M60-15				
							Orb320M60-15				
				vii	Mono C-Si Module	Orb370M72 (370 Wp)	Orb355M72	72 (Full Cells)	1000	10.03.2021	09.03.2023
							Orb360M72				
							Orb365M72				
							Orb370M72				
							Orb375M72				
							Orb380M72				
							Orb385M72				
				viii	Mono C-Si Module	Orb305M60 (305 Wp)	Orb290M60	60 (Full Cells)	1000	10.03.2021	09.03.2023
							Orb295M60				
							Orb300M60				
							Orb305M60				
							Orb310M60				
							Orb315M60				
							Orb320M60				
				ix	Mono C-Si PERC Module	Orb440M72-15, (440Wp)	Orb440M72-15 (440 Wp)	72 (Full Cells)	1500	10.03.2021	09.03.2023
				x	Mono C-Si PERC Module	Orb400M72-15, (400Wp)	Orb400M72-15 (400Wp)	72 (Full Cells)	1500	10.03.2021	09.03.2023
							Orb395M72-15 (395Wp)				
							Orb390M72-15 (390Wp)				
6	Tata Power Solar Systems Ltd.	Plot No. 43(P) & 44(P) Phase II, Electronic City, Hosur Road, Bangalore- 560100,	710				TP315LBZ				
							TP320LBZ				
							TP325LBZ				

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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	No. of Cells in Module	System Voltage (in Volt)	Validity	
										From	To
		Karnataka, India		i	Multi C-Si Module	TP330LBZ (330 Wp)	TP330LBZ	72 (Full Cells)	1000	10.03.2021	09.03.2023
							TP335LBZ				
							TP340LBZ				
							TP345LBZ				
				ii	Multi C-Si Module	TP330LBZ(H) (330 Wp)	TP315LBZ(H)	72 (Full Cells)	1500	10.03.2021	09.03.2023
							TP320LBZ(H)				
							TP325LBZ(H)				
							TP330LBZ(H)				
							TP335LBZ(H)				
							TP340LBZ(H)				
							TP345LBZ(H)				
							TP285VBZ(H)				
				iii	Multi C-Si Module	TP295VBZ(H) (295 Wp)	TP290VBZ(H)	66 (Full Cells)	1500	10.03.2021	09.03.2023
							TP295VBZ(H)				
							TP300VBZ(H)				
							TP305VBZ(H)				
				iv	Multi C-Si Module	TP260MBZ(H) (260 Wp)	TP250MBZ(H)	60 (Full Cells)	1500	10.03.2021	09.03.2023
							TP255MBZ(H)				
							TP260MBZ(H)				
							TP265MBZ(H)				
							TP270MBZ(H)				
				v	Mono C-Si PERC Module	TP380LGZ(H) (380 Wp)	TP365LGZ(H)	72 (Full Cells)	1500	10.03.2021	09.03.2023
							TP370LGZ(H)				
							TP375LGZ(H)				
							TP380LGZ(H)				
							TP385LGZ(H)				
							TP390LGZ(H)				
							TP395LGZ(H)				
							TP340RGZ(H)				
				vi	Mono C-Si PERC	TP355RGZ(H), (355Wp)	TP345RGZ(H)	120 (Half-Cut Cells)	1500	10.03.2021	09.03.2023
							TP350RGZ(H)				
							TP355RGZ(H)				
							TP360RGZ(H)				
							TP365RGZ(H)				
							TP370RGZ(H)				
				vii	Mono C-Si PERC	TP395HGZ(H), (395Wp)	TP380HGZ(H)	144 (Half-Cut Cells)	1500	10.03.2021	09.03.2023
							TP385HGZ(H)				
							TP390HGZ(H)				
							TP395HGZ(H)				
							TP400HGZ(H)				
							TP405HGZ(H)				
							TP410HGZ(H)				
				viii	Mono C-Si PERC	TP435HGZ(H), (435Wp)	TP415HGZ(H)	144 (Half-Cut Cells)	1500	10.03.2021	09.03.2023
							TP420HGZ(H)				
							TP425HGZ(H)				
							TP430HGZ(H)				
							TP435HGZ(H)				
							TP440HGZ(H)				
							TP445HGZ (H)				
							TP450HGZ(H)				
							TP455HGZ(H)				
							ix				
TP455VG10											
TP460VG10											
TP465VG10											
TP470VG10											
TP475VG10											
TP480VG10											
TP485VG10											
TP490VG10											
HST36F160P											
HST36F165P											
7	Swelect Energy Systems Ltd.	No. 31 To 34 & 37 Kiadb Industrial Area, Phase-1, Dabaspet, Nelamangala Taluk, Bangalore Rural District, Karnataka - 562111, India	90	i	Multi C-Si Module	HST36F165P (165 Wp)	HST36F170P	36 (Full Cells)	1000	10.03.2021	09.03.2023
							HST60F265P				
							HST60F270P				
				ii	Multi C-Si Module	HST60F275P (275 Wp)	HST60F275P	60 (Full Cells)	1000	10.03.2021	09.03.2023
							HST60F280P				
							HST60F285P				
							HST72F320P				
							HST72F325P				

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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	No. of Cells in Module	System Voltage (in Volt)	Validity	
										From	To
				iii	Multi C-Si Module	HST72F330P (330 Wp)	HST72F330P HST72F335P HST72F340P HST72F345P	72 (Full Cells)	1000	10.03.2021	09.03.2023
				iv	Multi C-Si Module	HST72F300P (300 Wp)	HST72F300P	72 (Full Cells)	1000	10.03.2021	09.03.2023
				v	Mono C-Si Module	HST36F190M (190 Wp)	HST36F185M HST36F190M HST36F195M HST60F295M	36 (Full Cells)	1000	10.03.2021	09.03.2023
				vi	Mono C-Si Module	HST60F310M (310 Wp)	HST60F300M HST60F305M HST60F310M HST60F315M HST60F320M HST60F325M	60 (Full Cells)	1000	10.03.2021	09.03.2023
				vii	Mono C-Si Module	HST72F375M (375 Wp)	HST72F360M HST72F365M HST72F370M HST72F375M HST72F380M HST72F385M HST72F390M	72 (Full Cells)	1000	10.03.2021	09.03.2023
				viii	Mono C-Si Module	HST72F395M (395 Wp)	HST72F395M	72 (Full Cells)	1000	10.03.2021	09.03.2023
				ix	Mono C-Si PERC Modules	HST72F400MF, (400Wp)	HST72F400MF HST72F395MF HST72F390MF HST72F385MF HST72F380MF	72 (Full Cells)	1500	10.03.2021	09.03.2023
				x	Multi C-Si Modules	HST72F340PF, (340Wp)	HST72F340PF	72 (Full Cells)	1500	10.03.2021	09.03.2023
8	RenewSys India Pvt. Ltd.	FAB City, Hyderabad, Telangana, India	750	i	Multi C-Si Module	DESERV 3M6-330 (330 Wp)	DESERV 3M6-315 DESERV 3M6-320 DESERV 3M6-325 DESERV 3M6-330 DESERV 3M6-335 DESERV 3M6-340 DESERV 3M6-345	72 (Full Cells)	1000	10.03.2021	09.03.2023
				ii	Multi C-Si Module	DESERV 3M6H-330 (330 Wp)	DESERV 3M6H-315 DESERV 3M6H-320 DESERV 3M6H-325 DESERV 3M6H-330 DESERV 3M6H-335 DESERV 3M6H-340 DESERV 3M6H-345	72 (Full Cells)	1500	10.03.2021	09.03.2023
				iii	Multi C-Si Module	DESERV MGALACTIC-345 (345 Wp)	DESERV MGALACTIC-330 DESERV MGALACTIC-335 DESERV MGALACTIC-340 DESERV MGALACTIC-345 DESERV MGALACTIC-350 DESERV MGALACTIC-355 DESERV MGALACTIC-360	144 (Half Cut Cells)	1500	10.03.2021	09.03.2023
				iv	Mono C-Si Module	DESERV 3S6-360 (360 Wp)	DESERV 3S6-345 DESERV 3S6-350 DESERV 3S6-355 DESERV 3S6-360 DESERV 3S6-365 DESERV 3S6-370 DESERV 3S6-375	72 (Full Cells)	1000	10.03.2021	09.03.2023
				v	Mono C-Si Module	DESERV 3S6H-360 (360 Wp)	DESERV 3S6H-345 DESERV 3S6H-350 DESERV 3S6H-355 DESERV 3S6H-360 DESERV 3S6H-365 DESERV 3S6H-370 DESERV 3S6H-375	72 (Full Cells)	1500	10.03.2021	09.03.2023
				vi	Mono C-Si Module	DESERV SGALACTIC-375 (375 Wp)	DESERV SGALACTIC-360 DESERV SGALACTIC-365 DESERV SGALACTIC-370 DESERV SGALACTIC-375 DESERV SGALACTIC-380 DESERV SGALACTIC-385	144 (Half Cut Cells)	1500	10.03.2021	09.03.2023

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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	No. of Cells in Module	System Voltage (in Volt)	Validity	
										From	To
9	Premier Energies Ltd.	Annaram, Medak, Telangana, India	482				DESERV SGALACTIC-390				
				i	Multi C-Si Module	PSS-24340 (340 Wp)	PSS-24325	72 (Full Cells)	1500	10.03.2021	09.03.2023
							PSS-24330				
							PSS-24335				
							PSS-24340				
							PSS-24345				
							PSS-24350				
				ii	Multi C-Si Module	PSS-24305 (305 Wp)	PSS-24355	72 (Full Cells)	1500	10.03.2021	09.03.2023
							PSS-24290				
							PSS-24295				
							PSS-24300				
							PSS-24305				
							PSS-24310				
				iii	Multi C-Si Module	PSS-24250 (250 Wp)	PSS-24315	72 (Cut Cells)	1500	10.03.2021	09.03.2023
							PSS-24320				
							PSS-24240				
							PSS-24245				
							PSS-24250				
							PSS-24255				
				iv	Multi C-Si Module	PSS-24200 (200 Wp)	PSS-24260	72 (Cut Cells)	1500	10.03.2021	09.03.2023
							PSS-24190				
							PSS-24195				
							PSS-24200				
							PSS-24205				
							PSS-24210				
				v	Multi C-Si Module	PSS-24150 (150 Wp)	PSS-24145	72 (Cut Cells)	1500	10.03.2021	09.03.2023
							PSS-24150				
							PSS-24155				
				vi	Multi C-Si Module	PSS-24340HC (340 Wp)	PSS-24325HC	144 (Half Cut Cells)	1500	10.03.2021	09.03.2023
							PSS-24330HC				
							PSS-24335HC				
							PSS-24340HC				
							PSS-24345HC				
							PSS-24350HC				
				vii	Multi C-Si Module	PSS-20280 (280 Wp)	PSS-24355HC	60 (Full Cells)	1500	10.03.2021	09.03.2023
							PSS-24357HC				
							PSS-20270				
							PSS-20275				
							PSS-20280				
							PSS-20285				
				viii	Multi C-Si Module	PSS-20260 (260 Wp)	PSS-20290	60 (Full Cells)	1500	10.03.2021	09.03.2023
							PSS-20250				
							PSS-20255				
							PSS-20260				
							PSS-20265				
							PSS-20220				
				ix	Multi C-Si Module	PSS-20220 (220 Wp)	PSS-12200	60 (Cut Cells)	1500	10.03.2021	09.03.2023
				x	Multi C-Si Module	PSS-12200 (200 Wp)	PSS-12160	36 (Cut Cells)	600	10.03.2021	09.03.2023
				xi	Multi C-Si Module	PSS-12165 (165 Wp)	PSS-12165	36 (Full Cells)	600	10.03.2021	09.03.2023
							PSS-12170				
							PSS-12145				
				xii	Multi C-Si Module	PSS-12150 (150 Wp)	PSS-12150	36 (Full Cells)	600	10.03.2021	09.03.2023
							PSS-12155				
							PSS-12120				
				xiii	Multi C-Si Module	PSS-12120 (120 Wp)	PSS-12125	36 (Cut Cells)	600	10.03.2021	09.03.2023
							PSS-12100				
							PSS-12105				
				xiv	Multi C-Si Module	PSS-12105 (105 Wp)	PSS-12110	36 (Cut Cells)	600	10.03.2021	09.03.2023
							PSS-12180				
							PSS-1275				
				xv	Multi C-Si Module	PSS-1280 (80 Wp)	PSS-1275	36 (Cut Cells)	600	10.03.2021	09.03.2023
				xvi	Multi C-Si Module	PSS-1275 (75 Wp)	PSS-1260	36 (Cut Cells)	600	10.03.2021	09.03.2023
				xvii	Multi C-Si Module	PSS-1260 (60 Wp)	PSS-1245	36 (Cut Cells)	600	10.03.2021	09.03.2023
				xviii	Multi C-Si Module	PSS-1245 (45 Wp)	PSS-1230	36 (Cut Cells)	600	10.03.2021	09.03.2023
				xix	Multi C-Si Module	PSS-1230 (30 Wp)	PSS-1220	36 (Cut Cells)	600	10.03.2021	09.03.2023
				xx	Multi C-Si Modules	PSS-1220 (20 Wp)	PSS-24365	72 (Full Cells)	1500	10.03.2021	09.03.2023
				xxi	Mono C-Si PERC Module	PSS-24380 (380 Wp)	PSS-24370				
							PSS-24375				
							PSS-24380				
							PSS-24385				
							PSS-24390				

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										From	To
				xxii	Mono C-Si PERC Modules	PSS-24335 (335 Wp)	PSS-24395 PSS-24335 PSS-20315	72 (Full Cells)	1500	10.03.2021	09.03.2023
				xxiii	Mono C-Si PERC Module	PSS-20315 (315 Wp)	PSS-20320 PSS-20325 PSS-20330	60 (Full Cells)	1500	10.03.2021	09.03.2023
10	M/s. Visaka Industries Limited	Survey No-95 & 96, Gajalpuram Village, Kukkadam post, Mandal: Madgulapally, Adjacent to Kukkadam railway Station, Nalgonda, Telangana-508207, India	31	i	Multi C-Si Module	VIL-310P (310 Wp)	VIL-305P VIL-310P VIL-315P VIL-320P	72 (Full Cells)	1000	10.03.2021	09.03.2023
				ii	Mono C-Si PERC Modules (Fibre cement board substrate)	VIL-375AM, (375Wp)	VIL-370AM VIL-375AM	72 (Full Cells)	1500	10.03.2021	09.03.2023
				iii	Mono C-Si PERC Modules	VIL-375M, (375Wp)	VIL-370M VIL-375M	72 (Full Cells)	1500	10.03.2021	09.03.2022
11	Websol Energy System Ltd.	Falta SEZ, 24 Parganas (South), West Bengal, India	250	i	Multi C-Si Module	W2900-M330 (330 Wp)	W2900-M315 W2900-M320 W2900-M325 W2900-M330 W2900-M335 W2900-M340 W2900-M345	72 (Full Cells)	1500	10.03.2021	09.03.2023
12	M/s Sova Solar Ltd.	Layout Plot No: 25, E.P.I.P, Banskopa, Durgapur 713212, West Bengal, India.	404	i	Multi C-Si Module	SS28060MC (280 Wp)	SS27060MC SS27560MC SS28060MC SS28560MC SS29060MC	60 (Full Cells)	1500	10.03.2021	09.03.2023
				ii	Multi C-Si Module	SS33072MC (330 Wp)	SS32072MC SS32572MC SS33072MC SS33572MC SS34072MC	72 (Full Cells)	1500	10.03.2021	09.03.2023
				iii	Mono PERC Module	SS31060MP (310 Wp)	SS34572MC SS30060MP SS30560MP SS31060MP SS31560MP SS32060MP SS32560MP	60 (Full Cells)	1500	10.03.2021	09.03.2023
				iv	Mono PERC Module	SS38572MP (385 Wp)	SS37072MP SS37572MP SS38072MP SS38572MP SS39072MP SS39572MP SS40072MP	72 (Full Cells)	1500	10.03.2021	09.03.2023
				v	Mono C-Si PERC Modules	SS520144HCMP, (520Wp)	SS510144HCMP SS515144HCMP SS520144HCMP SS525144HCMP SS530144HCMP SS535144HCMP SS540144HCMP	144 (Half-Cut Cells)	1500	10.03.2021	09.03.2023
13	Goldi Solar Pvt. Ltd.	Pipodara, Surat, Gujarat, India	500	i	Multi C-Si Module	GOLDI072F335PY24 (335 Wp)	GOLDI072F325PY24 GOLDI072F330PY24 GOLDI072F335PY24 GOLDI072F340PY24 GOLDI072F345PY24	72 (Full Cells)	1500	10.03.2021	09.03.2023
				ii	Multi C-Si Module	GOLDI066F300PY24 (300 Wp)	GOLDI066F300PY24 GOLDI066F310PY24	66 (Full Cells)	1500	10.03.2021	09.03.2023
				iii	Multi C-Si Module	GOLDI060F280PY24 (280 Wp)	GOLDI060F280PY24	60 (Full Cells)	1500	10.03.2021	09.03.2023
				iv	Multi C-Si Module	GOLDI054F250PY12 (250 Wp)	GOLDI054F250PY12	54 (Full Cells)	1500	10.03.2021	09.03.2023
				v	Mono C-Si PERC Module	GOLDI072F395PRC24 (395 Wp)	GOLDI072F390PRC24 GOLDI072F395PRC24 GOLDI072F400PRC24	72 (Full Cells)	1500	10.03.2021	09.03.2023
14	M/s Australian Premium Solar (India) Pvt. Ltd.	Tajpur, N-II-8, The Prantij, Dist- Sabarkantha, Gujarat-383205, India.	100	i	Multi C-Si Module	APSAP6-250/60 (250 Wp)	APSAP6-250/60 APSAP6-260/60	60 (Full Cells)	1000	10.03.2021	09.03.2023
				ii	Multi C-Si Module	APSAP6-300/72 (300 Wp)	APSAP6-300/72	72 (Full Cells)	1000	10.03.2021	09.03.2023

List of Manufacturers and Models of Solar PV Modules enlisted under ALMM Order (As on 27.09.2022)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	No. of Cells in Module	System Voltage (in Volt)	Validity	
										From	To
				iii	Multi C-Si Module	APSAP6-320/72 (320 Wp)	APSAP6-320/72 APSAP6-330/72	72 (Full Cells)	1000	10.03.2021	09.03.2023
				iv	Multi C-Si Module	APSAP6-340/72 (340 Wp)	APSAP6-340/72 APSAP6-350/72	72 (Full Cells)	1000	10.03.2021	09.03.2023
				v	Multi C-Si Modules	APSAP6-305/66, (305 Wp)	APSAP6-290/66	66 (Full Cells)	1000	10.03.2021	09.03.2023
							APSAP6-295/66			09.03.2023	
							APSAP6-300/66			10.03.2021	09.03.2023
							APSAP6-305/66			10.03.2021	09.03.2023
							APSAP6-310/66			10.03.2021	09.03.2023
							APSAP6-315/66			10.03.2021	09.03.2023
							APSAP6-320/66			10.03.2021	09.03.2023
				vi	Multi C-Si Modules	APSAP6-335/72, (335Wp)	APSAP6-335/72	72 (Full Cells)	1000	10.03.2021	09.03.2023
15	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	09.03.2023
				ii	Multi C-Si Module	SES1275 (75 Wp)	SES1275	36 (Cut Cells)	600	10.03.2021	09.03.2023
				iii	Multi C-Si Module	SES12100 (100 Wp)	SES12100	36 (Cut Cells)	600	10.03.2021	09.03.2023
				iv	Multi C-Si Module	SES16200 (200 Wp)	SES16200 SES16210	48 (Full Cells)	1000	10.03.2021	09.03.2023
				v	Multi C-Si Module	SES20250 (250 Wp)	SES20250	60 (Full Cells)	1000	10.03.2021	09.03.2023
							SES20260				
				vi	Multi C-Si Module	SES24300 (300 Wp)	SES24300	72 (Full Cells)	1000	10.03.2021	09.03.2023
				vii	Multi C-Si Module	SES24335 (335 Wp)	SES24320	72 (Full Cells)	1000	10.03.2021	09.03.2023
							SES24325				
							SES24330				
							SES24335				
							SES24340				
							SES24350				
				viii	Mono- PERC Module	SESM20280 (280 Wp)	SESM20280	60 (Full Cells)	1000	10.03.2021	09.03.2023
				ix	Mono- PERC Module	SESM20300 (300 Wp)	SESM20300	60 (Full Cells)	1000	10.03.2021	09.03.2023
				x	Mono- PERC Module	SESM24335 (335 Wp)	SESM24335	72 (Full Cells)	1000	10.03.2021	09.03.2023
xi	Mono- PERC Module	SESM24360 (360 Wp)	SESM24350	72 (Full Cells)	1000	10.03.2021	09.03.2023				
			SESM24360								
			SESM24370								
			TEL24P300								
16	Topsun Energy Ltd.	Linch, Mehsana, Gujarat, India	100	i	Multi C-Si Module	TEL24P315 (315 Wp)	TEL24P305	72 (Full Cells)	1000	10.03.2021	09.03.2023
							TEL24P310				
							TEL24P315				
							TEL24P320				
							TEL24P325				
							TEL24P330				
				ii	Multi C-Si Module	TEL24P340 (340 Wp)	TEL24P335	72 (Full Cells)	1000	10.03.2021	09.03.2023
							TEL24P340				
							TEL24P345				
							TEL24P350				
				iii	Multi C-Si Module	TEL66P290 (290 Wp)	TEL66P280	66 (Full Cells)	1000	10.03.2021	09.03.2023
							TEL66P285				
							TEL66P290				
							TEL66P295				
				iv	Multi C-Si Module	TEL12CP40 (40 Wp)	TEL12CP40	36 (Cut Cells)	600	10.03.2021	09.03.2023
				v	Multi C-Si Module	TEL12CP74 (74 Wp)	TEL12CP74	36 (Cut Cells)	600	10.03.2021	09.03.2023
							TEL12CP75				
				vi	Multi C-Si Module	TEL12CP100 (100 Wp)	TEL12CP100	36 (Cut Cells)	600	10.03.2021	09.03.2023
				vii	Mono C-Si PERC Module	TEL24MP335 (335 Wp)	TEL24MP320	72 (Full Cells)	1500	10.03.2021	09.03.2023
							TEL24MP325				
							TEL24MP330				
							TEL24MP335				
							TEL24MP340				
							TEL24MP345				
							TEL24MP350				
				viii	Mono C-Si PERC	TEL24MP380 (380 Wp)	TEL24MP380	72 (Full Cells)	1500	10.03.2021	09.03.2023
17	Waaree Energies Ltd.	Tumb, Umbergaon, Valsad, Gujarat, India	1100	i	Multi C-Si Modules	WS-340 (340 Wp)	WS-330	72 (Full Cells)	1500	10.03.2021	09.03.2023
							WS-335				
							WS-340				
							WS-345				
							WS-350				
				ii	Mono PERC C-Si Modules	WSM-390 (390Wp)	WSM-380	72 (Full Cells)	1500	10.03.2021	09.03.2023
							WSM-385				
							WSM-390				
							WSM-395				
							WSM-400				

List of Manufacturers and Models of Solar PV Modules enlisted under ALMM Order (As on 27.09.2022)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	No. of Cells in Module	System Voltage (in Volt)	Validity	
										From	To
				iii	Mono PERC C-Si Modules	WSMD-440 (440Wp)	WSMD-420 WSMD-425 WSMD-430 WSMD-435 WSMD-440 WSMD-445 WSMD-450	144 (Half Cut Cells)	1500	10.03.2021	09.03.2023
18	Waaree Energies Ltd.	Surat SEZ, Diamond Park, Sachin, Surat, Gujarat, India	500	i	Multi C-Si Modules	WS-340 (340 Wp)	WS-330 WS-335 WS-340 WS-345 WS-350	72 (Full Cells)	1500	10.03.2021	09.03.2023
				ii	Mono C-Si Modules	WSM-390 (390 Wp)	WSM-380 WSM-385 WSM-390 WSM-395 WSM-400	72 (Full Cells)	1500	10.03.2021	09.03.2023
19	Waaree Renewables Pvt. Ltd.	Nandigram, Umbergaon, Valsad, Gujarat, India	500	i	Multi C-Si Modules	WS-340 (340 Wp)	WS-330 WS-335 WS-340 WS-345 WS-350	72 (Full Cells)	1500	10.03.2021	09.03.2023
				ii	Mono C-Si Modules	WSM-380 (380 Wp)	WSM-380	72 (Full Cells)	1500	10.03.2021	09.03.2023
20	Icon Solar-En Power Technologies Pvt. Ltd.	Dighari, Mandir Hasaud, Arang, Raipur, Chhattisgarh, India	125	i	Multi C-Si Modules	ISEN335 (335 Wp)	ISEN320 ISEN325 ISEN330 ISEN335 ISEN340 ISEN345 ISEN350	72 (Full Cells)	1500	10.03.2021	09.03.2023
				ii	Multi C-Si Modules	ISEN305 (305 Wp)	ISEN300 ISEN305 ISEN310 ISEN315 ISEN280	72 (Full Cells)	1500	10.03.2021	09.03.2023
				iii	Multi C-Si Modules	ISEN290 (290 Wp)	ISEN285 ISEN290 ISEN295 ISEN300N	66 (Full Cells)	1500	10.03.2021	09.03.2023
				iv	Multi C-Si Modules	ISEN260 (260 Wp)	ISEN250 ISEN255 ISEN260 ISEN265 ISEN270	60 (Full Cells)	1500	10.03.2021	09.03.2023
				v	Multi C-Si Modules	ISEN240 (240 Wp)	ISEN230 ISEN235 ISEN240 ISEN245 ISEN250N	54 (Full Cells)	1500	10.03.2021	09.03.2023
				vi	Multi C-Si Modules	ISEN210 (210 Wp)	ISEN200 ISEN205 ISEN210 ISEN215	48 (Full Cells)	1500	10.03.2021	09.03.2023
				vii	Multi C-Si Modules	ISEN155 (155 Wp)	ISEN150 ISEN155 ISEN160	36 (Full Cells)	1500	10.03.2021	09.03.2023
				viii	Multi C-Si Modules	ISEN75 (75 Wp)	ISEN75	36 (Cut Cells)	1500	10.03.2021	09.03.2023
				ix	Multi C-Si Modules	ISEN40 (40 Wp)	ISEN40	36 (Cut Cells)	1500	10.03.2021	09.03.2023
21	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 ECO 320H ECO 325H ECO 330H ECO 335H	72 (Full Cells)	1500	10.03.2021	09.03.2023
				ii	Multi C-Si Modules	ECO 315 (315 Wp)	ECO 300 ECO 305 ECO 310 ECO 315 ECO 320 ECO 325 ECO 330	72 (Full Cells)	1000	10.03.2021	09.03.2023
							ECO 340M				

List of Manufacturers and Models of Solar PV Modules enlisted under ALMM Order (As on 27.09.2022)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	No. of Cells in Module	System Voltage (in Volt)	Validity	
										From	To
				iii	Mono C-Si Modules	ECO 355M (355 Wp)	ECO 345M	72 (Full Cells)	1000	10.03.2021	09.03.2023
							ECO 350M				
							ECO 355M				
							ECO 360M				
							ECO 365M				
							ECO 370M				
				iv	Multi C-Si Modules	ECO 155H, (155Wp)	ECO 150H	36 (Full Cells)	1500	10.03.2021	09.03.2023
							ECO 155H			10.03.2021	09.03.2023
							ECO 160H			10.03.2021	09.03.2023
				v	Multi C-Si Modules	ECO 270H, (270Wp)	ECO 260H	60 (Full Cells)	1500	10.03.2021	09.03.2023
							ECO 265H			10.03.2021	09.03.2023
							ECO 270H			10.03.2021	09.03.2023
							ECO 275H			10.03.2021	09.03.2023
							ECO 280H			10.03.2021	09.03.2023
				vi	Multi C-Si Modules	ECO 300H, (300Wp)	ECO 285H	66 (Full Cells)	1500	10.03.2021	09.03.2023
							ECO 290H			10.03.2021	09.03.2023
							ECO 295H			10.03.2021	09.03.2023
							ECO 300H			10.03.2021	09.03.2023
							ECO 305H			10.03.2021	09.03.2023
				vii	Multi C-Si Modules	ECO 340H, (340Wp)	ECO 310H	72 (Full Cells)	1500	10.03.2021	09.03.2023
							ECO 340H			10.03.2021	09.03.2023
				viii	Mono C-Si PERC Modules	ECO 195MH, (195Wp)	ECO 345H	36 (Full Cells)	1500	10.03.2021	09.03.2023
							ECO 190MH			10.03.2021	09.03.2023
							ECO 195MH			10.03.2021	09.03.2023
				ix	Mono C-Si PERC Modules	ECO 315MH, (315Wp)	ECO 200MH	60 (Full Cells)	1500	10.03.2021	09.03.2023
							ECO 305MH			10.03.2021	09.03.2023
							ECO 310MH			10.03.2021	09.03.2023
							ECO 315MH			10.03.2021	09.03.2023
							ECO 320MH			10.03.2021	09.03.2023
				x	Mono C-Si PERC Modules	ECO 350MH, (350Wp)	ECO 325MH	66 (Full Cells)	1500	10.03.2021	09.03.2023
							ECO 330MH			10.03.2021	09.03.2023
							ECO 335MH			10.03.2021	09.03.2023
							ECO 340MH			10.03.2021	09.03.2023
							ECO 345MH			10.03.2021	09.03.2023
				xi	Mono C-Si PERC Modules	ECO 390MH, (390Wp)	ECO 350MH	72 (Full Cells)	1500	10.03.2021	09.03.2023
							ECO 355MH			10.03.2021	09.03.2023
							ECO 360MH			10.03.2021	09.03.2023
							ECO 365MH			10.03.2021	09.03.2023
							ECO 380MH			10.03.2021	09.03.2023
22	Saatvik Green Energy Pvt. Ltd.	Dubli, Ambala, Haryana, India	510	i	Multi C-Si Modules	SGE 150-36P (150 Wp)	ECO 385MH	72 (Full Cells)	1500	10.03.2021	09.03.2023
							ECO 390MH			10.03.2021	09.03.2023
				ii	Multi C-Si Modules	SGE 165-36P (165 Wp)	ECO 395MH	60 (Full Cells)	1500	10.03.2021	09.03.2023
							ECO 400MH			10.03.2021	09.03.2023
				iii	Multi C-Si Modules	SGE 200-48P (200 Wp)	SGE 150-36P	36 (Full Cells)	1000	10.03.2021	09.03.2023
							SGE 160-36P			10.03.2021	09.03.2023
				iv	Multi C-Si Modules	SGE 230-54P (230 Wp)	SGE 165-36P	54 (Full Cells)	1000	10.03.2021	09.03.2023
							SGE 170-36P			10.03.2021	09.03.2023
							SGE 200-48P			10.03.2021	09.03.2023
							SGE 210-48P			10.03.2021	09.03.2023
							SGE 220-54P			10.03.2021	09.03.2023
				v	Multi C-Si Modules	SGE 260-60P (260 Wp)	SGE 225-54P	60 (Full Cells)	1500	10.03.2021	09.03.2023
							SGE 230-54P			10.03.2021	09.03.2023
							SGE 235-54P			10.03.2021	09.03.2023
							SGE 240-54P			10.03.2021	09.03.2023
				vi	Multi C-Si Modules	SGE 275-60P (275 Wp)	SGE 250-60P	60 (Full Cells)	1500	10.03.2021	09.03.2023
							SGE 260-60P			10.03.2021	09.03.2023
							SGE 265-60P			10.03.2021	09.03.2023
				vii	Multi C-Si Modules	SGE 315-72P (315 Wp)	SGE 270-60P	72 (Full Cells)	1500	10.03.2021	09.03.2023
							SGE 275-60P			10.03.2021	09.03.2023
							SGE 300-72P			10.03.2021	09.03.2023
							SGE 305-72P			10.03.2021	09.03.2023
							SGE 310-72P			10.03.2021	09.03.2023
				viii	Multi C-Si Modules	SGE 340-72P (340 Wp)	SGE 315-72P	72 (Full Cells)	1500	10.03.2021	09.03.2023
							SGE 320-72P			10.03.2021	09.03.2023
							SGE 325-72P			10.03.2021	09.03.2023
							SGE 330-72P			10.03.2021	09.03.2023
							SGE 335-72P			10.03.2021	09.03.2023
							SGE 340-72P			10.03.2021	09.03.2023
							SGE 345-72P			10.03.2021	09.03.2023