

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

Block No. 14, C.G.O. Complex,
Lodhi Road, New Delhi - 110003.
Dated: 18th August, 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 and 05.04.2022.
3. This Ministry has further updated the List - I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 as on 18.08.2022, i.e. Revision - VII 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 18.08.2022)

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											
				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																		
ASM-7-PERC-390																		
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											
				iv	Mono Crystalline Silicon Module	Somera VSMH.72.390.05 (390 Wp)	VSMH.72.380.05	144 (Half Cut Cells)	1500	10.03.2021	09.03.2023							
							VSMH.72.385.05											
							VSMH.72.390.05											
							VSMH.72.395.05											
							VSMH.72.400.05											
				v	Mono Crystalline Silicon Module	PREXOS VSMDHT.72.445.05 (445Wp)	PREXOS VSMDHT.72.435.05	144 (Half Cut Cells)	1500	10.03.2021	09.03.2023							
							PREXOS VSMDHT.72.440.05											
							PREXOS VSMDHT.72.445.05											
							PREXOS VSMDHT.72.450.05											
				vi	Mono Crystalline Silicon Module	SOMERA VSMH.72.440.05 (440Wp)	SOMERA VSMH.72.430.05	144 (Half Cut Cells)	1500	10.03.2021	09.03.2023							
							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											
				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

List of Manufacturers and Models of Solar PV Modules enlisted under ALMM Order (As on 18.08.2022)

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							
							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											
							E385M72											
							E390M72											
				iv	Mono PERC Module	E315M60 (315 Wp)	E395M72	60 (Full Cells)	1500	10.03.2021	09.03.2023							
							E300M60											
							E305M60											
							E310M60											
							E315M60											
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																		
iv	Multi C-Si Module	Orb270P60 (270 Wp)	Orb335P72	60 (Full Cells)	1000	10.03.2021	09.03.2023											
			Orb260P60															
			Orb265P60															
			Orb270P60															
			Orb275P60															
v	Mono C-Si Module	Orb370M72-15 (370 Wp)	Orb280P60	72 (Full Cells)	1500	10.03.2021	09.03.2023											
			Orb355M72-15															
			Orb360M72-15															
			Orb365M72-15															
			Orb370M72-15															
			Orb375M72-15															
			Orb380M72-15															
vi	Mono C-Si Module	Orb305M60-15 (305 Wp)	Orb385M72-15	60 (Full Cells)	1500	10.03.2021	09.03.2023											
			Orb290M60-15															
			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															

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										From	To
							Orb370M72 Orb375M72 Orb380M72 Orb385M72				
				viii	Mono C-Si Module	Orb305M60 (305 Wp)	Orb290M60 Orb295M60 Orb300M60 Orb305M60 Orb310M60 Orb315M60 Orb320M60	60 (Full Cells)	1000	10.03.2021	09.03.2023
				ix	Mono C-Si PERC	Orb440M72-15, (440Wp)	Orb440M72-15 (440 Wp)	72 (Full Cells)	1500	10.03.2021	09.03.2023
				x	Mono C-Si PERC Modules	Orb400M72-15, (400Wp)	Orb400M72-15 (400Wp) Orb395M72-15 (395Wp) Orb390M72-15 (390Wp)	72 (Full Cells)	1500	10.03.2021	09.03.2023
6	Tata Power Solar Systems Ltd.	Plot No. 43(P) & 44(P) Phase II, Electronic City, Hosur Road, Bangalore- 560100, Karnataka, India	710	i	Multi C-Si Module	TP330LBZ (330 Wp)	TP315LBZ	72 (Full Cells)	1000	10.03.2021	09.03.2023
							TP320LBZ				
							TP325LBZ				
							TP330LBZ				
							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)				
				iii	Multi C-Si Module	TP295VBZ(H) (295 Wp)	TP285VBZ(H)	66 (Full Cells)	1500	10.03.2021	09.03.2023
							TP290VBZ(H)				
							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)											
vi	Mono C-Si PERC	TP355RGZ(H), (355Wp)	TP340RGZ(H)	120 (Half-Cut Cells)	1500	10.03.2021	09.03.2023				
			TP345RGZ(H)								
			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)								
			TP415HGZ(H)								
			TP420HGZ(H)								
			TP425HGZ(H)								

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										From	To				
				viii	Mono C-Si PERC	TP435HGZ(H), (435Wp)	TP430HGZ(H) TP435HGZ(H) TP440HGZ(H) TP445HGZ (H) TP450HGZ(H) TP455HGZ(H)	144 (Half-Cut Cells)	1500	10.03.2021	09.03.2023				
				ix	Mono C-Si PERC	TP470VG10, (470Wp)	TP450VG10 TP455VG10 TP460VG10 TP465VG10 TP470VG10 TP475VG10 TP480VG10 TP485VG10 TP490VG10	132 (Half-Cut Cells)	1500	10.03.2021	09.03.2023				
7	Swelect Energy Systems Ltd.	Dabaspet, Nelamangala, Bengaluru, Karnataka, India	140	i	Multi C-Si Module	HST36F165P (165 Wp)	HST36F160P HST36F165P HST36F170P	36 (Full Cells)	1000	10.03.2021	09.03.2023				
				ii	Multi C-Si Module	HST60F275P (275 Wp)	HST60F265P HST60F270P HST60F275P HST60F280P HST60F285P	60 (Full Cells)	1000	10.03.2021	09.03.2023				
				iii	Multi C-Si Module	HST72F330P (330 Wp)	HST72F320P HST72F325P 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	36 (Full Cells)	1000	10.03.2021	09.03.2023				
				vi	Mono C-Si Module	HST60F310M (310 Wp)	HST60F295M 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				
				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

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										From	To
				iii	Multi C-Si Module	DESERV MGALACTIC-345 (345 Wp)	DESERV MGALACTIC-330	144 (Half Cut Cells)	1500	10.03.2021	09.03.2023
							DESERV MGALACTIC-335				
							DESERV MGALACTIC-340				
							DESERV MGALACTIC-345				
							DESERV MGALACTIC-350				
							DESERV MGALACTIC-355				
				iv	Mono C-Si Module	DESERV 3S6-360 (360 Wp)	DESERV 3S6-345	72 (Full Cells)	1000	10.03.2021	09.03.2023
							DESERV 3S6-350				
							DESERV 3S6-355				
							DESERV 3S6-360				
							DESERV 3S6-365				
							DESERV 3S6-370				
							DESERV 3S6-375				
				v	Mono C-Si Module	DESERV 3S6H-360 (360 Wp)	DESERV 3S6H-345	72 (Full Cells)	1500	10.03.2021	09.03.2023
							DESERV 3S6H-350				
							DESERV 3S6H-355				
							DESERV 3S6H-360				
							DESERV 3S6H-365				
							DESERV 3S6H-370				
vi	Mono C-Si Module	DESERV SGALACTIC-375 (375 Wp)	DESERV SGALACTIC-360	144 (Half Cut Cells)	1500	10.03.2021	09.03.2023				
			DESERV SGALACTIC-365								
			DESERV SGALACTIC-370								
			DESERV SGALACTIC-375								
			DESERV SGALACTIC-380								
			DESERV SGALACTIC-385								
			DESERV SGALACTIC-390								
9	Premier Energies Ltd.	Annaram, Medak, Telangana, India	482	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				
							PSS-24355				
				ii	Multi C-Si Module	PSS-24305 (305 Wp)	PSS-24290	72 (Full Cells)	1500	10.03.2021	09.03.2023
							PSS-24295				
							PSS-24300				
							PSS-24305				
							PSS-24310				
							PSS-24315				
				iii	Multi C-Si Module	PSS-24250 (250 Wp)	PSS-24240	72 (Cut Cells)	1500	10.03.2021	09.03.2023
							PSS-24245				
							PSS-24250				
							PSS-24255				
							PSS-24260				
				iv	Multi C-Si Module	PSS-24200 (200 Wp)	PSS-24190	72 (Cut Cells)	1500	10.03.2021	09.03.2023
							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											

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										From	To			
							PSS-24355HC							
							PSS-24357HC							
				vii	Multi C-Si Module	PSS-20280 (280 Wp)				PSS-20270	60 (Full Cells)	1500	10.03.2021	09.03.2023
										PSS-20275				
										PSS-20280				
										PSS-20285				
										PSS-20290				
				viii	Multi C-Si Module	PSS-20260 (260 Wp)				PSS-20250	60 (Full Cells)	1500	10.03.2021	09.03.2023
										PSS-20255				
										PSS-20260				
				ix	Multi C-Si Module	PSS-20220 (220 Wp)				PSS-20220	60 (Cut Cells)	1500	10.03.2021	09.03.2023
										PSS-20225				
				x	Multi C-Si Module	PSS-12200 (200 Wp)				PSS-12200	36 (Cut Cells)	600	10.03.2021	09.03.2023
				xi	Multi C-Si Module	PSS-12165 (165 Wp)				PSS-12160	36 (Full Cells)	600	10.03.2021	09.03.2023
										PSS-12165				
				xii	Multi C-Si Module	PSS-12150 (150 Wp)				PSS-12170	36 (Full Cells)	600	10.03.2021	09.03.2023
										PSS-12145				
										PSS-12150				
				xiii	Multi C-Si Module	PSS-12120 (120 Wp)				PSS-12155	36 (Cut Cells)	600	10.03.2021	09.03.2023
										PSS-12120				
				xiv	Multi C-Si Module	PSS-12105 (105 Wp)				PSS-12125	36 (Cut Cells)	600	10.03.2021	09.03.2023
										PSS-12100				
PSS-12105														
xv	Multi C-Si Module	PSS-1280 (80 Wp)				PSS-12110	36 (Cut Cells)	600	10.03.2021	09.03.2023				
						PSS-1280								
xvi	Multi C-Si Module	PSS-1275 (75 Wp)				PSS-1275	36 (Cut Cells)	600	10.03.2021	09.03.2023				
xvii	Multi C-Si Module	PSS-1260 (60 Wp)				PSS-1260	36 (Cut Cells)	600	10.03.2021	09.03.2023				
xviii	Multi C-Si Module	PSS-1245 (45 Wp)				PSS-1245	36 (Cut Cells)	600	10.03.2021	09.03.2023				
xix	Multi C-Si Module	PSS-1230 (30 Wp)				PSS-1230	36 (Cut Cells)	600	10.03.2021	09.03.2023				
xx	Multi C-Si Modules	PSS-1220 (20 Wp)				PSS-1220	36 (Cut Cells)	600	10.03.2021	09.03.2023				
xxi	Mono C-Si PERC Module	PSS-24380 (380 Wp)				PSS-24365	72 (Full Cells)	1500	10.03.2021	09.03.2023				
						PSS-24370								
						PSS-24375								
						PSS-24380								
						PSS-24385								
						PSS-24390								
xxii	Mono C-Si PERC	PSS-24335 (335 Wp)				PSS-24395	72 (Full Cells)	1500	10.03.2021	09.03.2023				
xxiii	Mono C-Si PERC Module	PSS-20315 (315 Wp)				PSS-24335	60 (Full Cells)	1500	10.03.2021	09.03.2023				
						PSS-20315								
						PSS-20320								
						PSS-20325								
10	Visaka Industries Ltd.	Gajalapuram, Miryalagunda, Nalgonda, Telangana, India	30	i	Multi C-Si Module	VIL-310P (310 Wp)	PSS-20330	72 (Full Cells)	1000	10.03.2021	09.03.2023			
							PSS-20335							
							VIL-305P							
							VIL-310P							
							VIL-315P							
VIL-320P														
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	72 (Full Cells)	1500	10.03.2021	09.03.2023			
							W2900-M320							
							W2900-M325							
							W2900-M330							
							W2900-M335							
							W2900-M340							
							W2900-M345							
							SS27060MC							
							SS27560MC							
SS28060MC														
12	Sova Solar Ltd.	Banskopa, Durgapur, West Bengal, India	240	i	Multi C-Si Module	SS28060MC (280 Wp)	SS28560MC	60 (Full Cells)	1500	10.03.2021	09.03.2023			
							SS29060MC							
							SS27060MC							
							SS28060MC							
							SS28560MC							
SS29060MC														
ii	Multi C-Si Module	SS33072MC (330 Wp)				SS32072MC	72 (Full Cells)	1500	10.03.2021	09.03.2023				
						SS32572MC								

List of Manufacturers and Models of Solar PV Modules enlisted under ALMM Order (As on 18.08.2022)

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
							SS33072MC				
							SS33572MC				
							SS34072MC				
							SS34572MC				
				iii	Mono PERC Module	SS31060MP (310 Wp)	SS30060MP	60 (Full Cells)	1500	10.03.2021	09.03.2023
							SS30560MP				
							SS31060MP				
							SS31560MP				
							SS32060MP				
							SS32560MP				
				iv	Mono PERC Module	SS38572MP (385 Wp)	SS37072MP	72 (Full Cells)	1500	10.03.2021	09.03.2023
							SS37572MP				
							SS38072MP				
							SS38572MP				
SS39072MP											
SS39572MP											
13	Goldi Solar Pvt. Ltd.	Pipodara, Surat, Gujarat, India	500	i	Multi C-Si Module	GOLDI072F335PY24 (335 Wp)	GOLDI072F325PY24	72 (Full Cells)	1500	10.03.2021	09.03.2023
							GOLDI072F330PY24				
							GOLDI072F335PY24				
							GOLDI072F340PY24				
							GOLDI072F345PY24				
				ii	Multi C-Si Module	GOLDI066F300PY24 (300 Wp)	GOLDI066F300PY24	66 (Full Cells)	1500	10.03.2021	09.03.2023
							GOLDI066F310PY24				
				iii	Multi C-Si Module	GOLDI060F280PY24 (280 Wp)	GOLDI060F280PY24	60 (Full Cells)	1500	10.03.2021	09.03.2023
							GOLDI054F250PY12 (250 Wp)				
				iv	Multi C-Si Module	GOLDI054F250PY12 (250 Wp)	GOLDI054F250PY12	54 (Full Cells)	1500	10.03.2021	09.03.2023
							GOLDI072F390PRC24				
				v	Mono C-Si PERC Module	GOLDI072F395PRC24 (395 Wp)	GOLDI072F395PRC24	72 (Full Cells)	1500	10.03.2021	09.03.2023
							GOLDI072F400PRC24				
14	Australian Premium Solar (India) Pvt. Ltd.	Tajpur, Sabarkantha, Gujarat, India	50	i	Multi C-Si Module	APSAP6-250/60 (250 Wp)	APSAP6-250/60	60 (Full Cells)	1000	10.03.2021	09.03.2023
							APSAP6-260/60				
				ii	Multi C-Si Module	APSAP6-300/72 (300 Wp)	APSAP6-300/72	72 (Full Cells)	1000	10.03.2021	09.03.2023
							APSAP6-320/72				
				iii	Multi C-Si Module	APSAP6-320/72 (320 Wp)	APSAP6-320/72	72 (Full Cells)	1000	10.03.2021	09.03.2023
APSAP6-330/72											
iv	Multi C-Si Module	APSAP6-340/72 (340 Wp)	APSAP6-340/72	72 (Full Cells)	1000	10.03.2021	09.03.2023				
			APSAP6-350/72								
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
							SES1275 (75 Wp)				
				ii	Multi C-Si Module	SES1275 (75 Wp)	SES1275	36 (Cut Cells)	600	10.03.2021	09.03.2023
							SES12100 (100 Wp)				
				iii	Multi C-Si Module	SES12100 (100 Wp)	SES12100	36 (Cut Cells)	600	10.03.2021	09.03.2023
							SES16200 (200 Wp)				
				iv	Multi C-Si Module	SES16200 (200 Wp)	SES16200	48 (Full Cells)	1000	10.03.2021	09.03.2023
							SES16210				
				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
							SES24320				
				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				
			SESM20300 (300 Wp)								
ix	Mono- PERC Module	SESM20300 (300 Wp)	SESM20300	60 (Full Cells)	1000	10.03.2021	09.03.2023				
			SESM24335 (335 Wp)								
x	Mono- PERC Module	SESM24335 (335 Wp)	SESM24335	72 (Full Cells)	1000	10.03.2021	09.03.2023				
			SESM24350								
xi	Mono- PERC Module	SESM24360 (360 Wp)	SESM24350	72 (Full Cells)	1000	10.03.2021	09.03.2023				
			SESM24360								
16	Topsun Energy Ltd.	Linch, Mehsana, Gujarat, India	100	i	Multi C-Si Module	TEL24P315 (315 Wp)	TEL24P300	72 (Full Cells)	1000	10.03.2021	09.03.2023
							TEL24P305				
							TEL24P310				
							TEL24P315				
							TEL24P320				
							TEL24P325				
							TEL24P330				
							TEL24P335				
							TEL24P340				
							TEL24P345				
				ii	Multi C-Si Module	TEL24P340 (340 Wp)	TEL24P330	72 (Full Cells)	1000	10.03.2021	09.03.2023
							TEL24P335				
							TEL24P335				

List of Manufacturers and Models of Solar PV Modules enlisted under ALMM Order (As on 18.08.2022)

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
							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				
							TEL66P300				
				iv	Multi C-Si Module	TEL12CP40 (40 Wp)	TEL12CP40	36 (Cut Cells)	600	10.03.2021	09.03.2023
							TEL12CP74				
				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
TEL24MP320											
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				
				iii	Mono PERC C-Si Modules	WSMD-440 (440Wp)	WSMD-420	144 (Half Cut Cells)	1500	10.03.2021	09.03.2023
							WSMD-425				
							WSMD-430				
							WSMD-435				
18	Waaree Energies Ltd.	Surat SEZ, Diamond Park, Sachin, Surat, Gujarat, India	500	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 C-Si Modules	WSM-390 (390 Wp)	WSM-380	72 (Full Cells)	1500	10.03.2021	09.03.2023				
			WSM-385								
			WSM-390								
			WSM-395								
19	Waaree Renewables Pvt. Ltd.	Nandigram, Umbergaon, Valsad, Gujarat, India	500	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 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	72 (Full Cells)	1500	10.03.2021	09.03.2023
							ISEN325				
							ISEN330				
							ISEN335				
							ISEN340				
							ISEN345				
							ISEN350				
ii	Multi C-Si Modules	ISEN305 (305 Wp)	ISEN300	72 (Full Cells)	1500	10.03.2021	09.03.2023				

List of Manufacturers and Models of Solar PV Modules enlisted under ALMM Order (As on 18.08.2022)

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
							ISEN305 ISEN310 ISEN315				
				iii	Multi C-Si Modules	ISEN290 (290 Wp)	ISEN280 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.	Tarapur Textile Park Ltd., Boisar East, Palghar, 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
				iii	Mono C-Si Modules	ECO 355M (355 Wp)	ECO 340M ECO 345M ECO 350M ECO 355M ECO 360M ECO 365M ECO 370M	72 (Full Cells)	1000	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)	SGE 150-36P	36 (Full Cells)	1000	10.03.2021	09.03.2023
				ii	Multi C-Si Modules	SGE 165-36P (165 Wp)	SGE 160-36P SGE 165-36P SGE 170-36P	36 (Full Cells)	1000	10.03.2021	09.03.2023
				iii	Multi C-Si Modules	SGE 200-48P (200 Wp)	SGE 200-48P SGE 210-48P	48 (Full Cells)	1000	10.03.2021	09.03.2023
				iv	Multi C-Si Modules	SGE 230-54P (230 Wp)	SGE 220-54P SGE 225-54P SGE 230-54P SGE 235-54P SGE 240-54P	54 (Full Cells)	1000	10.03.2021	09.03.2023
				v	Multi C-Si Modules	SGE 260-60P (260 Wp)	SGE 250-60P SGE 260-60P SGE 265-60P SGE 270-60P	60 (Full Cells)	1500	10.03.2021	09.03.2023
				vi	Multi C-Si Modules	SGE 275-60P (275 Wp)	SGE 275-60P	60 (Full Cells)	1500	10.03.2021	09.03.2023
				vii	Multi C-Si Modules	SGE 315-72P (315 Wp)	SGE 300-72P	72 (Full Cells)	1500	10.03.2021	09.03.2023