



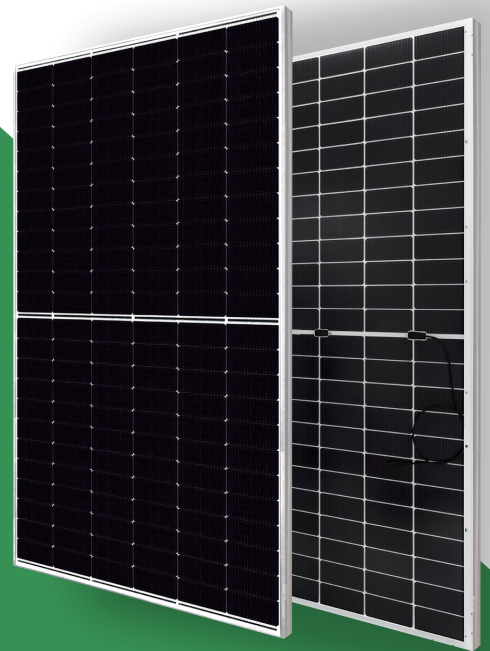
Huge-solar

Sparkle Series

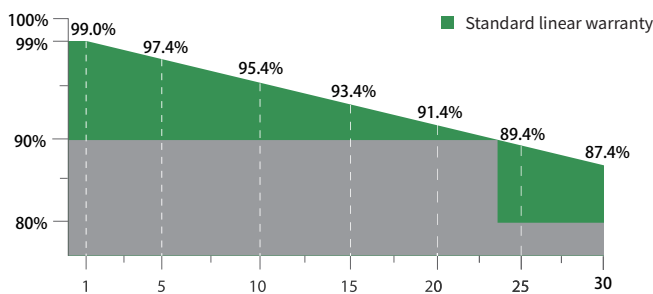
M182H672-DG-555-590W

555-590W Mono

Double glass and frame packaging to ensure module strength. Will produce more energy than a mono facial module with the same nameplate power. Topcon cell technology will get more efficiency. Bifacial module can convert light that strikes both the front face and the back face of the module into electricity. Under the same conditions, a bifacial module will produce more energy than a single-sided module with the same nameplate power.



Linear performance Warranty



Linear performance warranty



Product warranty

Comprehensive Certificates

CERTIFICATION

- IEC61215/IEC61730
- ISO9001:Quality Management System
- ISO14001:Environmental Management System
- ISO45001:Occupational Health and Safety Management System



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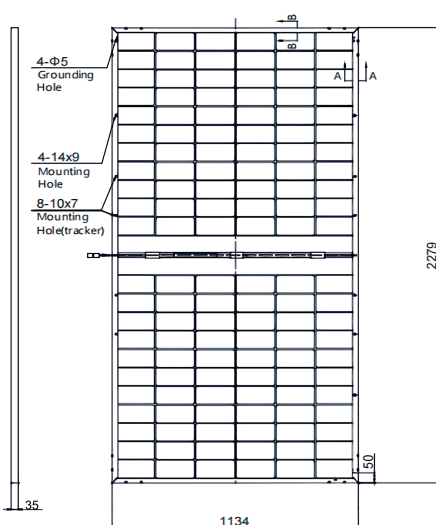
Electrical Specificatio																	
Module Type	M182H672-DG-555W		M182H672-DG-560W		M182H672-DG-565W		M182H672-DG-570W		M182H672-DG-575W		M182H672-DG-580W		M182H672-DG-585W		M182H672-DG-590W		
Test Standards	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	
Maximum Power	P _{max} (W)	555	421	560	424	565	428	570	432	575	436	580	440	585	444	590	448
Maximum Power Voltage	V _{mp} (V)	42.2	39.6	42.4	39.8	42.6	40.0	42.8	40.2	43.0	40.4	43.2	40.6	43.4	40.8	43.6	41.0
Maximum Power Current	I _{mp} (A)	13.16	10.61	13.21	10.65	13.27	10.70	13.32	10.74	13.38	10.79	13.43	10.84	13.48	10.89	13.53	10.94
Open Circuit Voltage	V _{oc} (V)	50.48	48.2	50.68	48.4	50.88	48.6	51.08	48.7	51.28	48.9	51.48	49.1	51.68	49.3	51.88	49.5
Short Circuit Current	I _{sc} (A)	14.06	11.23	14.12	11.28	14.18	11.33	14.24	11.38	14.30	11.42	14.36	11.46	14.42	11.50	14.48	11.54
Module Efficiency	(%)	21.48		21.67		21.86		22.06		22.25		22.44		22.64		22.83	
Power Output Tolerance	(W)	0±5															
Tolerance During Power Test	(%)	±3															

*(STC)*irradiance 1000W/m², Module Temperature 25 C, Air Mass 1.5
 *(NOCT)*irradiance 800W/m², Ambient Temperature 20 C, Wind Speed 1m/s

Mechanical Data	
Number of Cells	144Cells(6×24)
Dimensions of Module L*W*H (mm)	2279×1134×35mm
Weight (kg)	31kg
Glass	Double-sided glass 2mm
Frame	anodized aluminium alloy
J-BOX	IP68, 3 diodes
Cable	4.0mm ² , 300mm or customized
Wind/Snow Load	2400Pa/5400Pa*
Connector	MC Compatible
Maximum power two-sided ratio	70±5%
*For more details please check the installation manual	

Temperature Ratings	
Nominal Operating Cell Temperature(NOCT)	42±2 C
Temperature Coefficient of I _{sc}	+0.045%/C
Temperature Coefficient of V _{oc}	-0.250%/C
Temperature Coefficient of P _{max}	-0.300%/C
Maximum Ratings	
Operational Temperature	-40 - +85 C
Maximum System Voltage	1500V DC
Max Series Fuse Rating	25A
Packaging Configuration	
Module per box	31+31=62pieces
Module per 40'container	620pieces(35Frame)

ENGINEERING DRAWINGS



IV CURVES

