



# Huge-solar

# Radiance Series

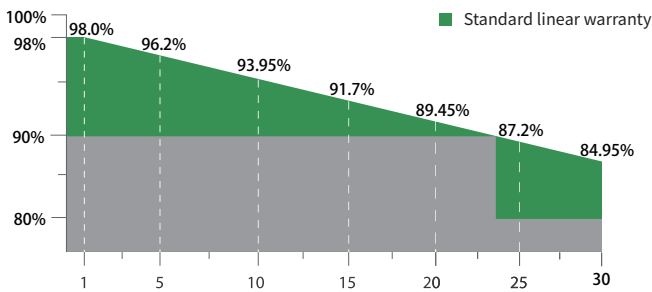
## M182H672-DG-520-555W

# 520-555W Mono

Double glass and frame packaging to ensure module strength. will produce more energy than a mono facial module with the same nameplate power. 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-520W		M182H672-DG-525W		M182H672-DG-530W		M182H672-DG-535W		M182H672-DG-540W		M182H672-DG-545W		M182H672-DG-550W		M182H672-DG-555W	
Test Standards		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power	Pmax(W)	520	389.0	525	392.5	530	396.1	535	399.8	540	403.5	545	407.3	550	411.1	555	415.2
Maximum Power Voltage	Vmp(V)	41.09	38.29	41.26	38.45	41.43	38.61	41.60	38.77	41.76	38.92	41.93	39.08	42.10	39.24	42.27	39.40
Maximum Power Current	Imp(A)	12.65	10.16	12.72	10.21	12.79	10.26	12.86	10.31	12.93	10.37	13.00	10.42	13.06	10.48	13.12	10.54
Open Circuit Voltage	Voc(V)	48.90	46.21	49.10	46.40	49.30	46.59	49.50	46.78	49.70	46.97	49.90	47.16	50.10	47.32	50.30	47.48
Short Circuit Current	Isc(A)	13.34	10.83	13.43	10.90	13.52	10.97	13.61	11.04	13.72	11.13	13.81	11.20	13.90	11.26	13.99	11.32
Module Efficiency	(%)	20.12		20.31		20.51		20.70		20.89		21.09		21.28		21.47	
Power Output Tolerance	(W)	0±5															
Tolerance During Power Test	(%)	±3															

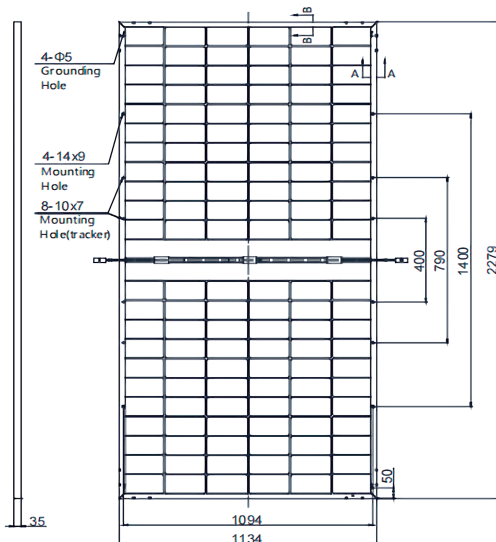
"(STC)"irradiance 1000W/m<sup>2</sup>, Module Temperature 25 C, Air Mass 1.5  
 "(NOCT)"irradiance 800W/m<sup>2</sup>, Ambient Temperature 20 C, Wind Speed 1m/s"

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 <sup>2</sup> , 300mm or customized
Wind/Snow Load	2400Pa/5400Pa*
Connector	MC Compatible
Maximum power two-sided ratio	70±5%
<b>*For more details please check the installation manual</b>	

Temperature Ratings	
Nominal Operating Cell Temperature(NOCT)	44±2 C
Temperature Coefficient of Isc	+0.048%/C
Temperature Coefficient of Voc	-0.270%/C
Temperature Coefficient of Pmax	-0.350%/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

### Rear View



## IV CURVES

