

Photovoltaic Module Monocrystalline132

KEY FEATURES



High module efficiency through superior manufacturing technology



No power loss thanks to improved temperature co-efficient caused by 12 busbar solar cell



Strictly control the micro-crack of solar cells and the other non visible defect of internal modules



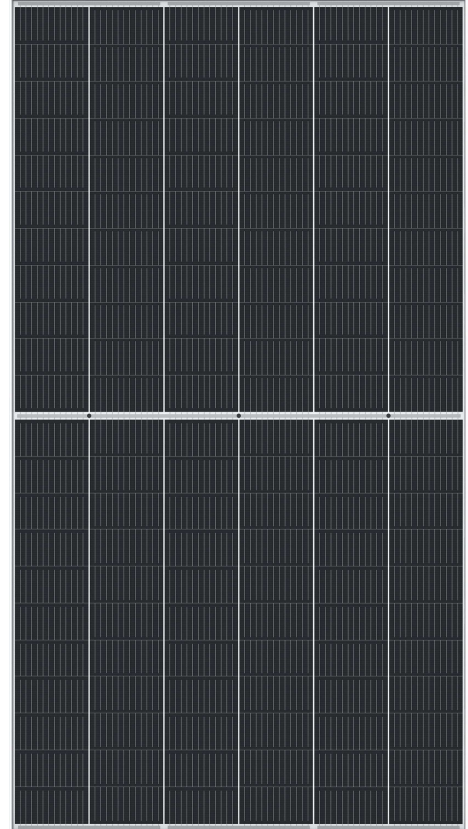
Module can bear snow loads up to 5400Pa and wind loads up to 2400Pa



Manufactured according to and certified international I Quality and Environment Management System



Using advanced low reflection and high light transmission glass and cell sheet surface cutting technology, in the weak light environment can also play a good performance.



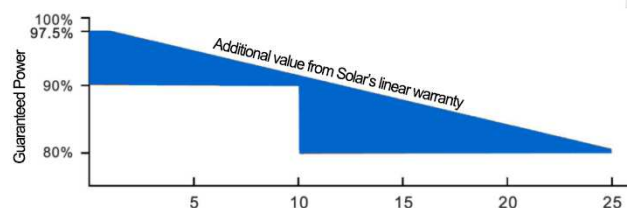
Certificates

- IEC61215, IEC61730, CQC, CE, TUV
- ISO9001:2015
- ISO14001:2015
- ISO45001:2018



Warranties

- 10 years product warranty
- 25 years power warranty



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Electrical Characteristics

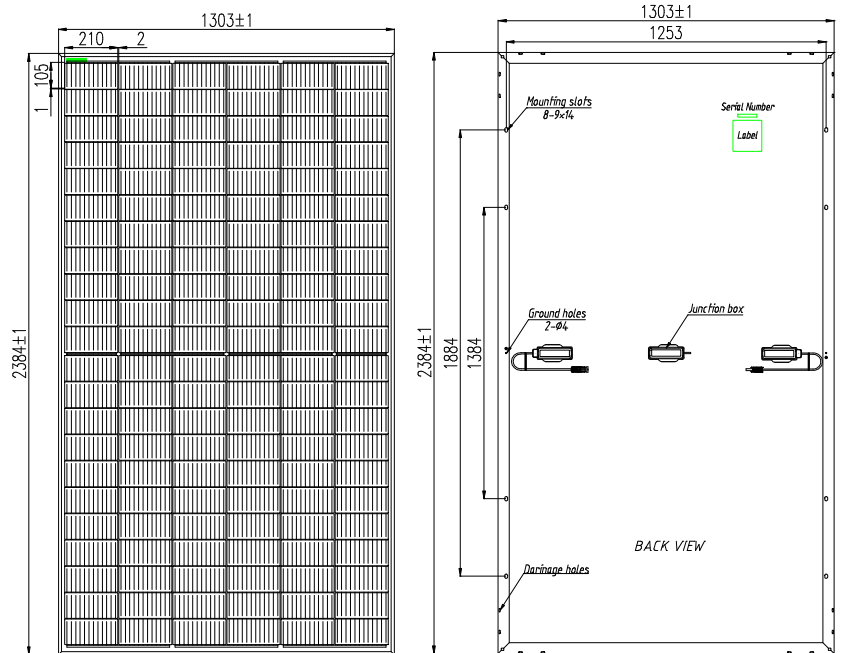
Polycrown Solar

Model	NS-650MH-132	NS-665MH-132	NS-660MH-132	NS-665MH-132	NS-670MH-132
Maximum Power at STC(Pmax)	650W	655W	660W	665W	670W
Optimum Operating Voltage (Vmp)	37.9V	38.1V	38.3V	38.5V	38.7V
Optimum Operating Current (Imp)	17.16A	17.20A	17.24A	17.28A	17.32A
Open-Circuit Voltage (Voc)	45.0V	45.2V	45.4V	45.6V	45.8V
Short-Circuit Current (Isc)	18.39A	18.43A	18.47A	18.51A	18.76A
Solar Cell Efficiency (%)	22.55	22.72	22.90	23.07	23.24
Solar Module Efficiency (%)	20.92	21.08	21.24	21.40	21.56
Operating Temperature	-40to85°C				
Maximum System Voltage	DC1500V				
Maximum Series Fuse Rating	30A				
Power Tolerance	0~+3%				
STC:Irradiance 1000W/m ² ,Modules Temperature 25°C,AM=1.5					

Temperature Coefficient

NOCT	45°C ± 2°C
Temperature Coefficient of Pmax	-0.34%/°C
Temperature Coefficient of VOC	-0.26%/°C
Temperature Coefficient of ISC	+0.05%/°C

Engineering Drawings



Mechanical Characteristics

No. of cells	132(6×11+6×11)
Dimensions	2384mm*1303mm*35mm
Weight	34.4kg
Front glass	3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction box	IP68, three diodes
Connector	Plug and socket
Output cables	PV 4.0mm ²
1*40'HQ	31 pcs/Pallet, 558 pcs/ 40'HQ;

IV-Curves

