

Photovoltaic Module Monocrystalline132

KEY FEATURES



10-30% Additional Power Generation
30 years lifespan brings 10-30% additional power



ZERO LID (Light Induced Degradation)
N-type TOPCON/HJT solar cell has no LID naturally which can increase power generation



Excellent low temperature coefficient, generating
1%-2% more electricity in high-temperature areas.



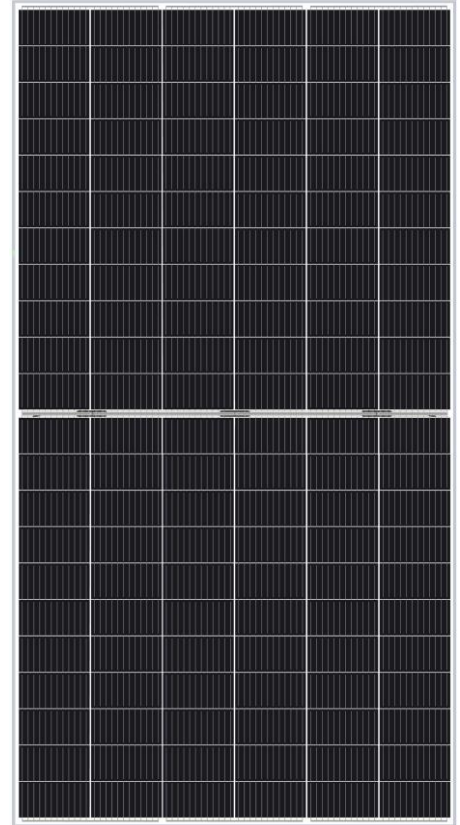
Module can bear snow loads up to 5400Pa
and wind loads up to 2400Pa



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.



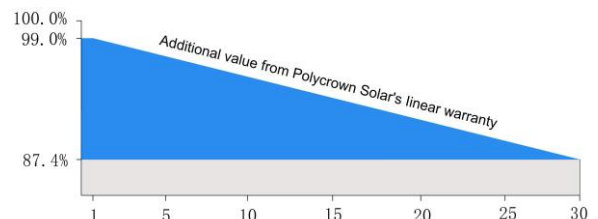
Certificates

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



Warranties

- 15 years product warranty
- 30 years power warranty



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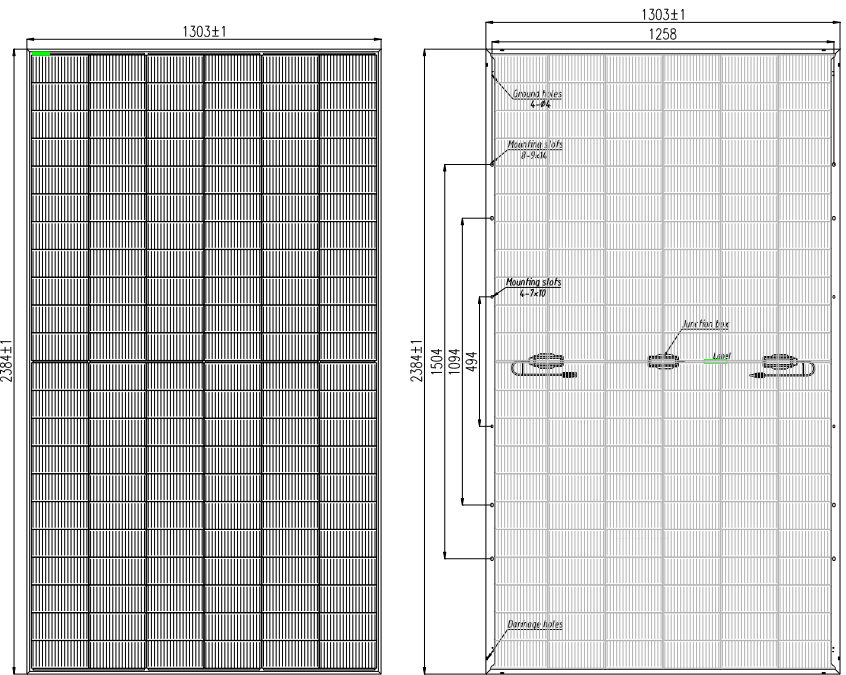
Electrical Characteristics

Model	NS-700MH-132	NS-705MH-132	NS-710MH-132	NS-715MH-132	NS-720MH-132
Maximum Power at STC(Pmax)	700W	705W	710W	715W	720W
Optimum Operating Voltage (Vmp)	39.16V	39.21V	39.26V	39.31V	39.36V
Optimum Operating Current (Imp)	17.88A	17.99A	18.09A	18.19A	18.30A
Open-Circuit Voltage (Voc)	46.28V	46.33V	46.38V	46.43V	46.48V
Short-Circuit Current (Isc)	19.39A	19.50A	19.62A	19.74A	19.85A
Solar Cell Efficiency (%)	24.29	24.46	24.63	24.81	24.98
Solar Module Efficiency (%)	22.53	22.69	22.85	23.01	23.17
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	-0.29%/°C
Temperature Coefficient of VOC	-0.25%/°C
Temperature Coefficient of ISC	0.045%/°C

Engineering Drawings



Mechanical Characteristics

No. of cells	132(6×11+6×11)
Dimensions	2384mm*1303mm*30mm
Weight	38.7kg ±3%
Front glass	2mm+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	36 pcs/Pallet, 612pcs/ 40'HQ;

IV-Curves

