

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 solar cell has no LID naturally which can increase power generation



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



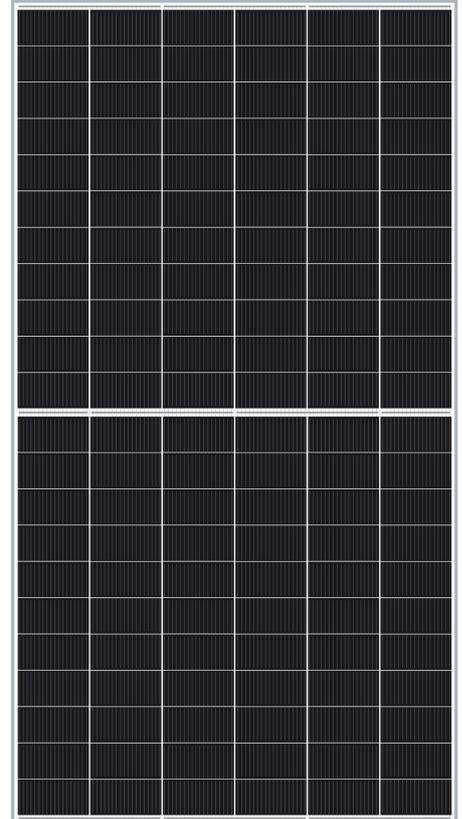
Module can bear snow loads up to 5400Pa
and wind loads up to 2400Pa



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.



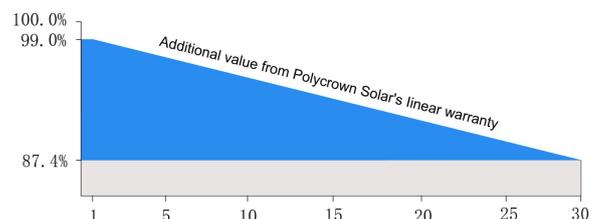
Certificates

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



Warranties

- 15 years product warranty
- 30 years power warranty



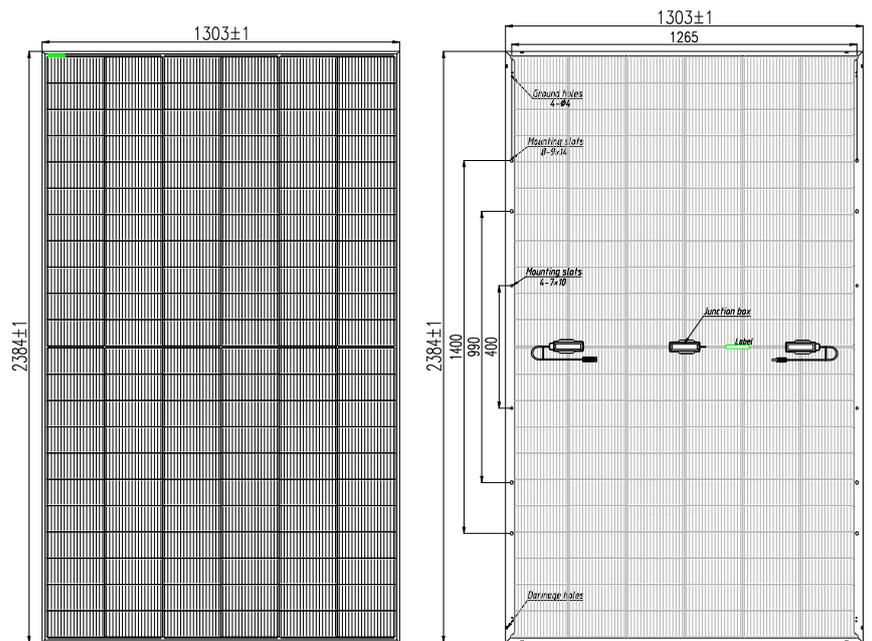
Electrical Characteristics

Model	NS-700MH-132	NS-710MH-132	NS-720MH-132	NS-730MH-132
Maximum Power at STC(Pmax)	700W	710W	720W	730W
Optimum Operating Voltage (Vmp)	41.29V	41.59V	41.89V	42.19V
Optimum Operating Current (Imp)	16.96A	17.08A	17.19A	17.31A
Open-Circuit Voltage (Voc)	49.68V	49.84V	50.00V	50.16V
Short-Circuit Current (Isc)	17.61A	17.81A	18.00A	18.19A
Solar Cell Efficiency (%)	24.29	24.63	24.98	25.33
Solar Module Efficiency (%)	22.53	22.85	23.17	23.50
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 Tempered glass
Back Glass	2mm Heat Strengthened Glass
Junction box	IP68, three diodes
Connector	Plug and socket
Output cables	PV 4.0mm ²
1*40'HQ	37pcs/Pallet, 666pcs/ 40'HQ;

IV-Curves

