

Photovoltaic Module Monocrystalline60

KEY FEATURES



High module efficiency through superior manufacturing technology



Due to the use of multi-busbar solar cells, the temperature coefficient has been improved, resulting in no power loss.



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



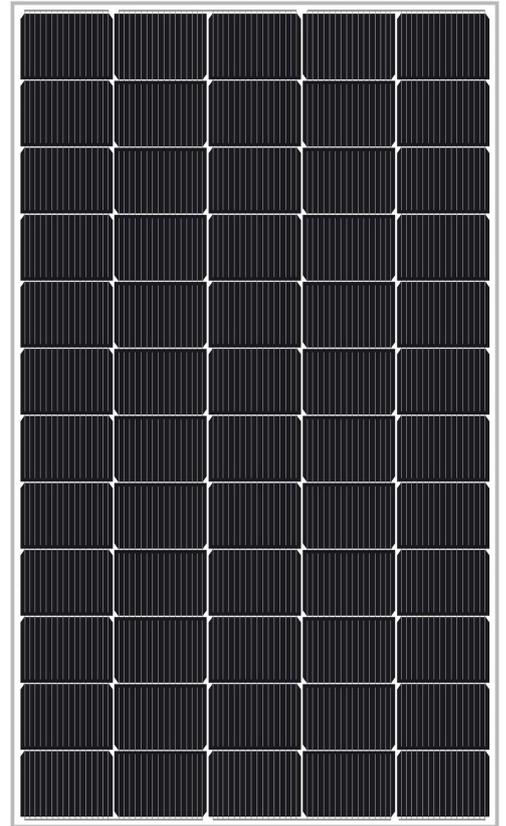
Module can bear snow loads up to 5400Pa and wind loads up to 2400Pa



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.



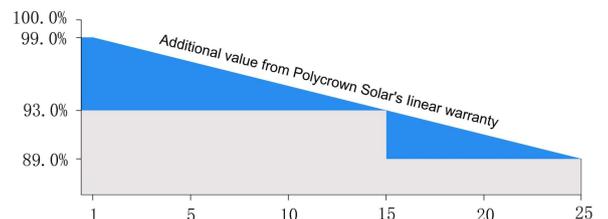
Certificates

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



Warranties

- 15 years product warranty
- 25 years power warranty



Electrical Characteristics

Model	NS-320MH-60	NS-330MH-60	NS-340MH-60	NS-350MH-60	NS-360MH-60
Maximum Power at STC(Pmax)	320W	330W	340W	350W	360W
Optimum Operating Voltage (Vmp)	32.21V	32.62V	33.02V	33.42V	33.72V
Optimum Operating Current (Imp)	9.94A	10.12A	10.30A	10.48A	10.68A
Open-Circuit Voltage (Voc)	37.83V	38.23V	38.63V	38.93V	39.23V
Short-Circuit Current (Isc)	10.57A	10.78A	11.01A	11.24A	11.47A
Solar Cell Efficiency (%)	22.76	23.47	24.18	24.90	25.61
Solar Module Efficiency (%)	19.66	20.28	20.89	21.51	22.12
Operating Temperature	-40to85°C				
Maximum System Voltage	DC1500V				
Maximum Series Fuse Rating	15A				
Power Tolerance	0~+3%				
STC:Irradiance 1000W/m ² ,Modules Temperature 25°C,AM=1.5	1403137.5				

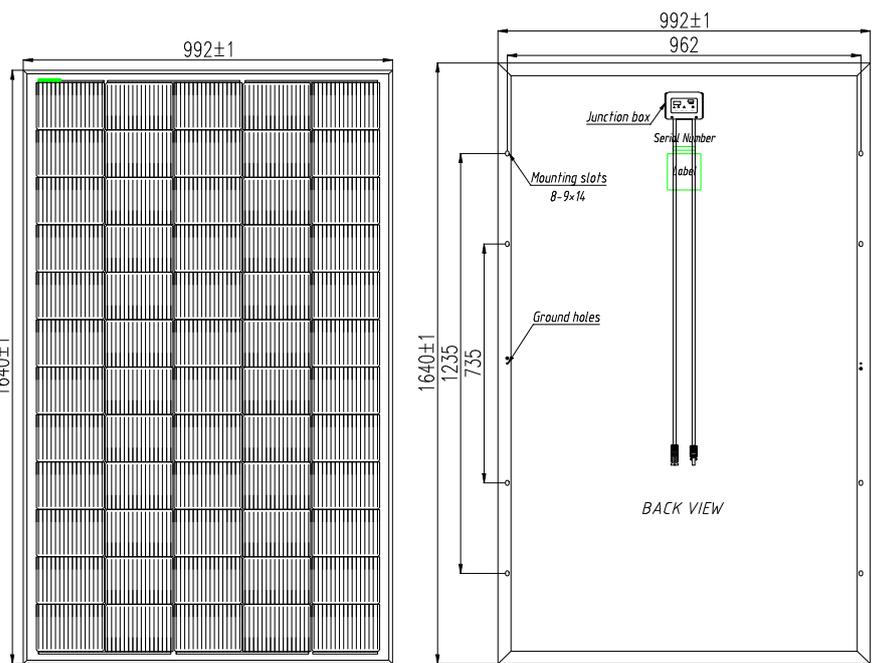
Temperature Coefficient

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	60(5×12)
Dimensions	1640mm*992mm*30mm
Weight	17kg ±3%
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	37pcs/Pallet,1036pcs/ 40'HQ;



IV-Curves

