

Photovoltaic Module Polycrystalline108

KEY FEATURES



High module efficiency through superior manufacturing technology



No power loss thanks to improved temperature co-efficient caused by 5 busbar solar cell



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



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

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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.

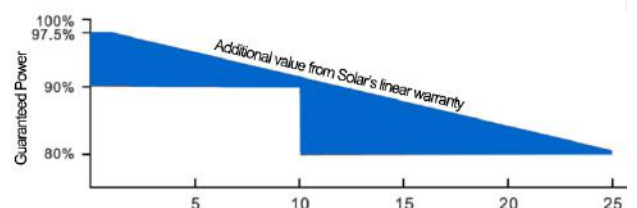
Certificates

- IEC61215,IEC61730,CQC、CE、TUV
- ISO9001:2008
- ISO14001:2004
- BSOHSAS18001:2007



Warranties

- 10 years product warranty
- 25 years power warranty



Electrical Characteristics

Model	NS-500P6-36
Maximum Power at STC(Pmax)	500W
Optimum Operating Voltage (Vmp)	56.16V
Optimum Operating Current (Imp)	8.904A
Open-Circuit Voltage (Voc)	66.74V
NSort-Circuit Current (Isc)	9.605A
Solar Cell Efficiency (%)	19.21
Solar Module Efficiency (%)	17.27
Operating Temperature	-40to85°C
Maximum System Voltage	DC1000
Maximum Series Fuse Rating	15A
Power Tolerance	0~+3%
STC:Irradiance 1000W/m ² ,Modules Temperature 25°C,AM=1.5	

Temperature Coefficient and Mechanical Characteristics

Nominal Operating Cell Temperature (NOCT) 47°C+/-2°C

Temperature Coefficient of Pmax -0.47%/°C

Temperature Coefficient of VOC -0.346%/°C

Temperature Coefficient of ISC +0.036%/°C

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Engineering Drawings

1480±1

Front Glass 3.2mm tempered glass

Frame Anodized aluminium alloy

Junction box PV--*****

Connector Plug and socket

Output cables PV 4.0mm²,0.9m

1*20' /

1*40' /

1*40'HQ /

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IV-Curves

Current-Voltage&Power-Voltage Curve

