

Photovoltaic Module Polycrystalline36

KEY FEATURES



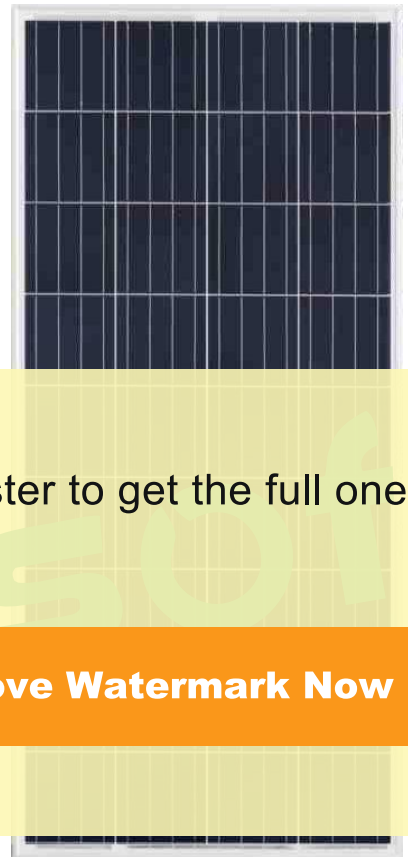
High module efficiency through superior manufacturing technology



No power loss thanks to improved temperature co-efficient caused by 3/4 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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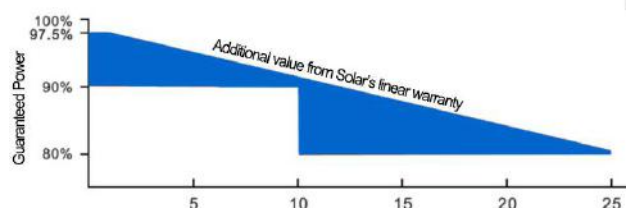
Using advanced low reflection and high light transmission glass and cell sheet surface cutting technology, in the weak light environment can also play a good performance.

Certificates

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

Warranties

- 10 years product warranty
- 25 years power warranty



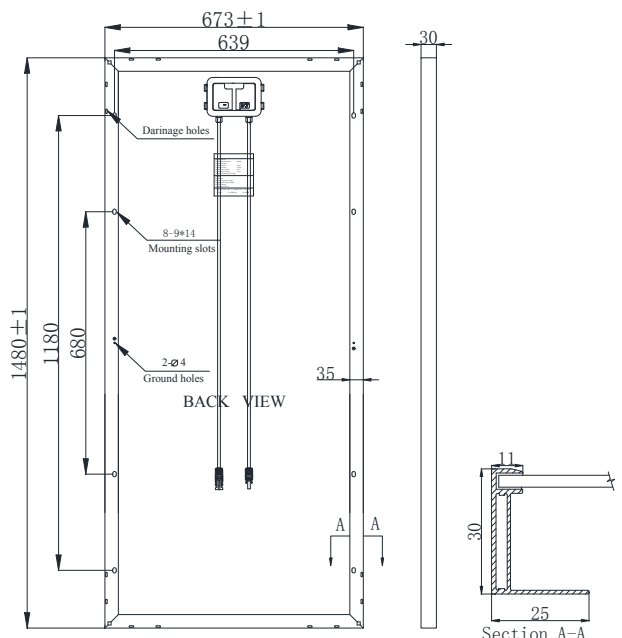
Electrical Characteristics

Model	NS-150P6	NS-155P6	NS-160P6	NS-165P6	NS-170P6
Maximum Power at STC(Pmax)	150W	155W	160W	165W	170W
Optimum Operating Voltage (Vmp)	17.84V	18.22V	18.27V	18.28V	18.35V
Optimum Operating Current (Imp)	8.41A	8.52A	8.81A	9.14A	9.52A
Open-Circuit Voltage (Voc)	22.32V	22.38V	22.14V	22.32V	22.38V
Short-Circuit Current (Isc)	8.96A	9.24A	9.52A	9.56A	9.93A
Solar Cell Efficiency (%)	17.46	18.05	18.60	18.90	19.8
Solar Module Efficiency (%)	15.06	15.56	16.50	16.70	17.30
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
Solar cell	Polysilicon
Front glass	3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction box	PV--YH0906/PV-JB002
Connector	Plug and socket
Output cables	PV 4.0mm ² ,0.9m
1*20'	490pcs
1*40'	1050pcs
1*40'HQ	1260pcs

Engineering Drawings



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