

Photovoltaic Module Monocrystalline36

KEY FEATURES



High module efficiency through superior manufacturing technology



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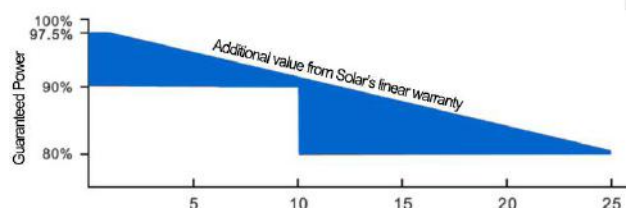
Using advanced low reflection and high light transmission glass and cell sheet surface cutting technology, in the weak light environment can also play a good performance.

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-150S6	NS-155S6	NS-160S6	NS-165S6	NS-170S6
Maximum Power at STC(Pmax)	150W	155W	160W	165W	170W
Optimum Operating Voltage (Vmp)	17.86V	18.21V	18.23V	18.25V	18.28V
Optimum Operating Current (Imp)	8.399A	8.512A	8.777A	9.041A	9.223A
Open-Circuit Voltage (Voc)	22.38V	22.46V	22.48V	22.5V	22.52V
Short-Circuit Current (Isc)	8.937A	9.202A	9.49A	9.778A	9.822A
Solar Cell Efficiency (%)	17.44	18.02	18.60	19.18	20.00
Solar Module Efficiency (%)	15.06	15.56	16.06	16.57	16.90
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

Engineering Drawings

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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

IV-Curves

