

Photovoltaic Module Polycrystalline72

KEY FEATURES



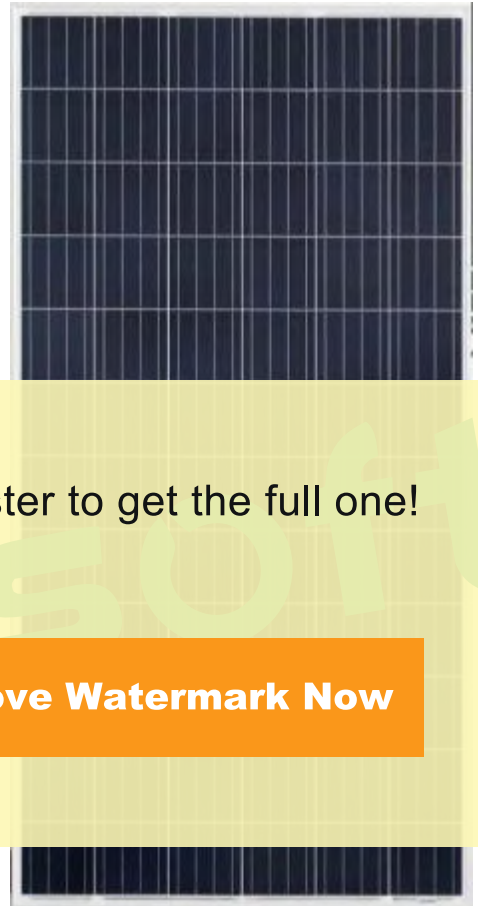
High module efficiency through superior manufacturing technology



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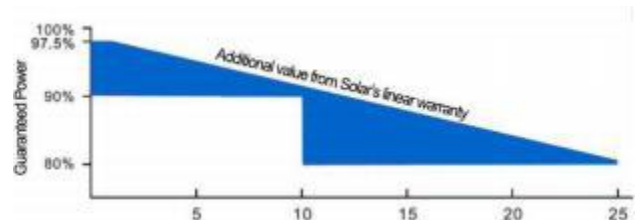
Using advanced low reflection and high light transmission glass and cell sheet surface cutting technology, in the weak light environment can also play a good performance.

Certificates

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

Warranties

- 10 years product warranty
- 25 years power warranty



Electrical Characteristics

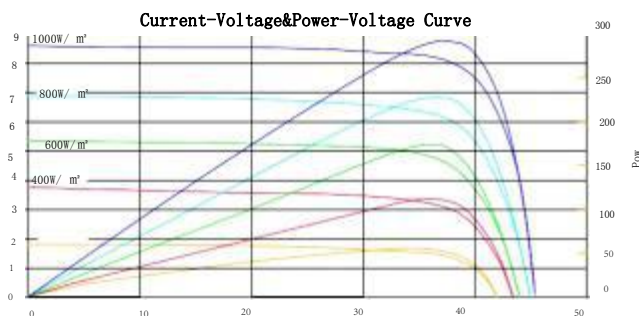
Model	NS-310P6	NS-320P6	NS-330P6	NS-340P6
Maximum Power at STC(Pmax)	310W	320W	330W	340W
Optimum Operating Voltage (Vmp)	37.32V	37.62V	37.73V	37.84V
Optimum Operating Current (Imp)	8.31A	8.51A	8.75A	8.95A
Open-Circuit Voltage (Voc)	44.76V	44.84V	44.89V	44.95V
Short-Circuit Current (Isc)	9.234A	9.515A	9.621A	9.75A
Solar Cell Efficiency (%)	18.05	18.63	19.20	19.41
Solar Module Efficiency (%)	15.98	16.49	17.00	17.52
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 ISC	0.036%/°C
Weight	23kg
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'	250pcs
1*40'	514pcs
1*40'HQ	580pcs

IV-Curves



Engineering Drawings

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