

Photovoltaic Module Monocrystalline60

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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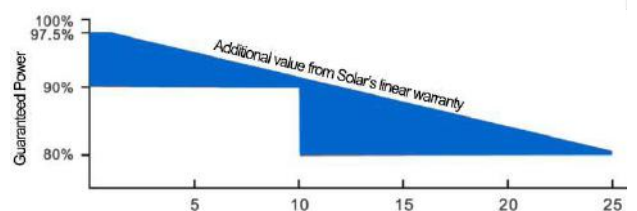
Using advanced low reflection and high light transmission glass and cell sheet surface cutting technology, in the weak light environment can also play a good performance.

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-260S6	NS-265S6	NS-270S6	NS-275S6	NS-280S6
Maximum Power at STC(Pmax)	260W	265W	270W	275W	280W
Optimum Operating Voltage (Vmp)	30.92V	31.13V	31.14V	31.17V	31.18V
Optimum Operating Current (Imp)	8.409A	8.515A	8.671A	8.825A	8.98A
Open-Circuit Voltage (Voc)	37.36V	37.38V	37.4V	37.42V	37.44V
Short-Circuit Current (Isc)	9.279A	9.452A	9.626A	9.799A	9.972A
Solar Cell Efficiency (%)	18.13	18.48	18.83	19.18	19.53
Solar Module Efficiency (%)	15.98	16.29	16.60	16.90	17.21
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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Front Glass 3.2mm tempered glass

Frame Anodized aluminium alloy

Junction box PV--YH0906/PV-JB002

Connector Plug and socket

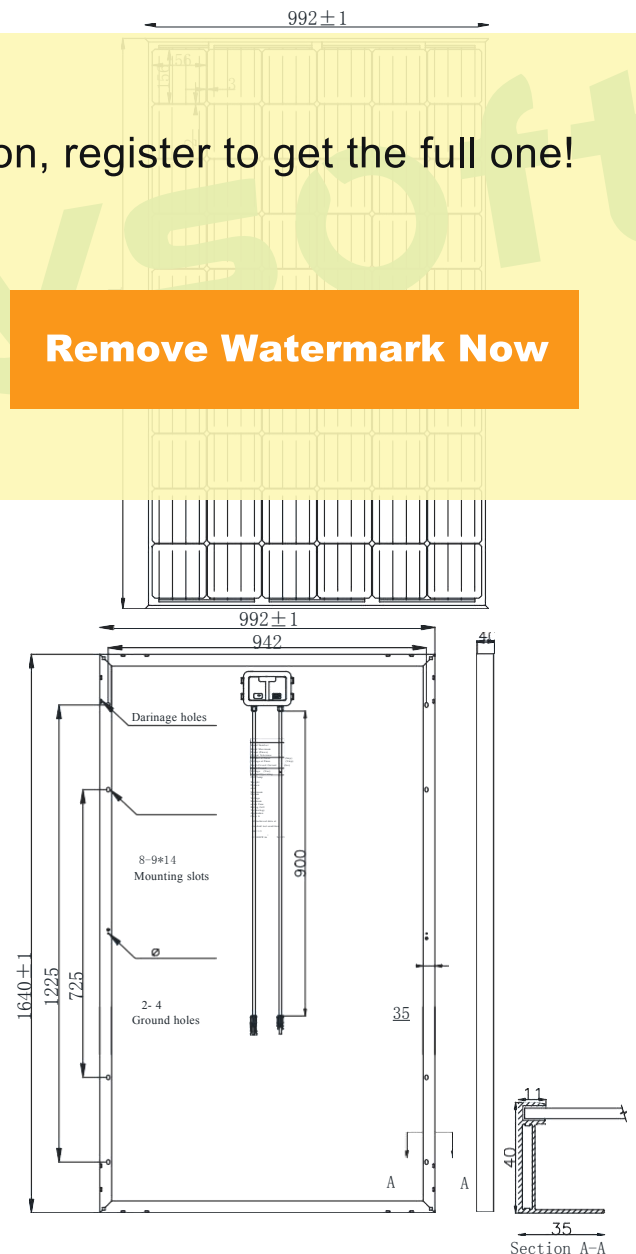
Output cables PV 4.0mm²,0.9m

1*20' 300 pcs

1*40' 728 pcs

1*40'HQ 784pcs

Engineering Drawings



IV-Curves

