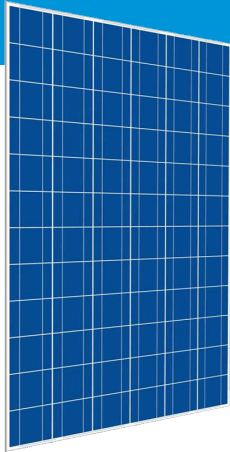


72 Cell 156*156 series Poly crystalline Solar Panel



Quality and Safety

- Rigorous quality control meeting the highest international standards
- High-transmissivity low-iron tempered glass, strong aluminium frame
Using UV-resistant silicon
- ISO 9001:2008 、 ISO 14001:2004 and OHSAS18001
- IEC61215,IEC61730,Safety Class II,conformity to CE

Features:

- Aesthetic appearance with excellent efficiency based on innovative photovoltaic technologies
- High quality, strong aluminium frame, passing mechanical load testing 5400 Pa and wind pressure 2400Pa

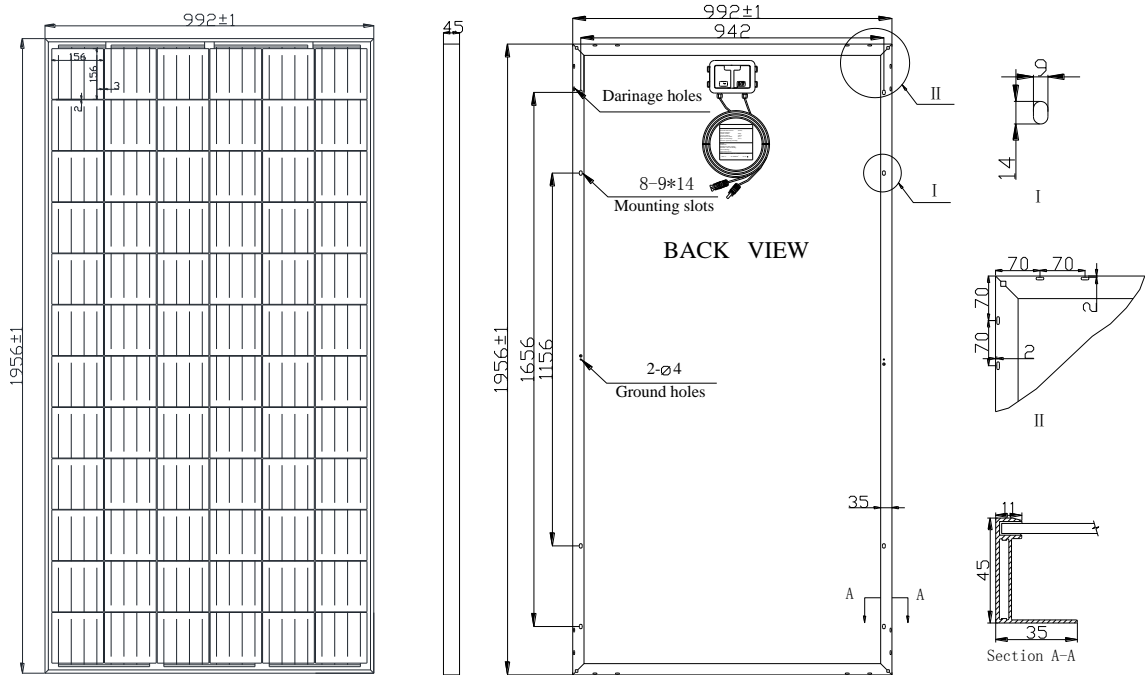
Warranties

- 10 years limited product warranty
- 10 years at 90% of the minimal rated power output
- 25 years at 80% of the minimal rated power output

Model	CNCC305W	CNCC310W	CNCC315W	CNCC320W
Maximum Power at STC (Pmax)	305W	310W	315W	320W
Optimum Operating Voltage (Vmp)	37.24V	37.32V	37.46V	37.62V
Optimum Operating Current (Imp)	8.19A	8.31A	8.41A	8.51A
Open-Circuit Voltage (Voc)	44.72V	44.76V	44.82V	44.84V
Short-Circuit Current (Isc)	9.094A	9.234A	9.371A	9.515A
Solar Cell Efficiency (%)	17.75	18.05	18.34	18.63
Solar Module Efficiency (%)	15.72	15.98	16.23	16.49
Operating Temperature	-40to85°C			
Maximum System Voltage	DC1000			
Maximum Series Fuse Rating	15A			
Power Tolerance	+/-3%			
STC:Irradiance 1000W/m ² ,Modules Temperature 25°C,AM=1.5				

72 Cell 156*156 series Poly crystalline Solar Panel

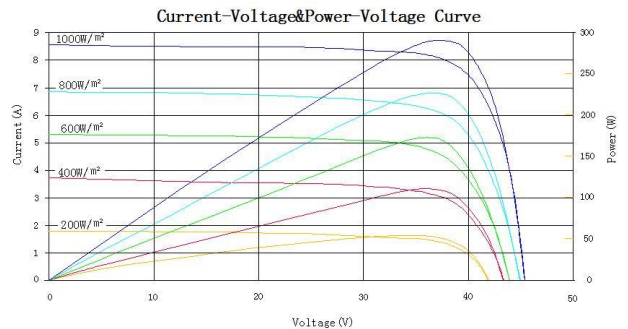
Engineering Drawings



Mechanical Characteristics

Solar cell	Poly-Crystalline 156*156mm
No. of cells	72 (6×12)
Dimensions	1956mm*992mm*45mm
Weight	24kg
Front glass	3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction box	PV-*****
Connector	Plug and socket
Output cables	PV 4.0mm ² ,0.9m
1*20'	250 pcs
1*40'	514pcs
1*40'HQ	580 pcs

IV-Curves



Temperature Coefficient

Nominal Operating Cell Temperature (NOCT)	47°C+/-2°C
Temperature Coefficient of Pmax	-0.4046%/°C
Temperature Coefficient of VOC	-0.3083%/°C
Temperature Coefficient of ISC	+0.0574%/°C