

# 72 Cell 125\*125 series Mono 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

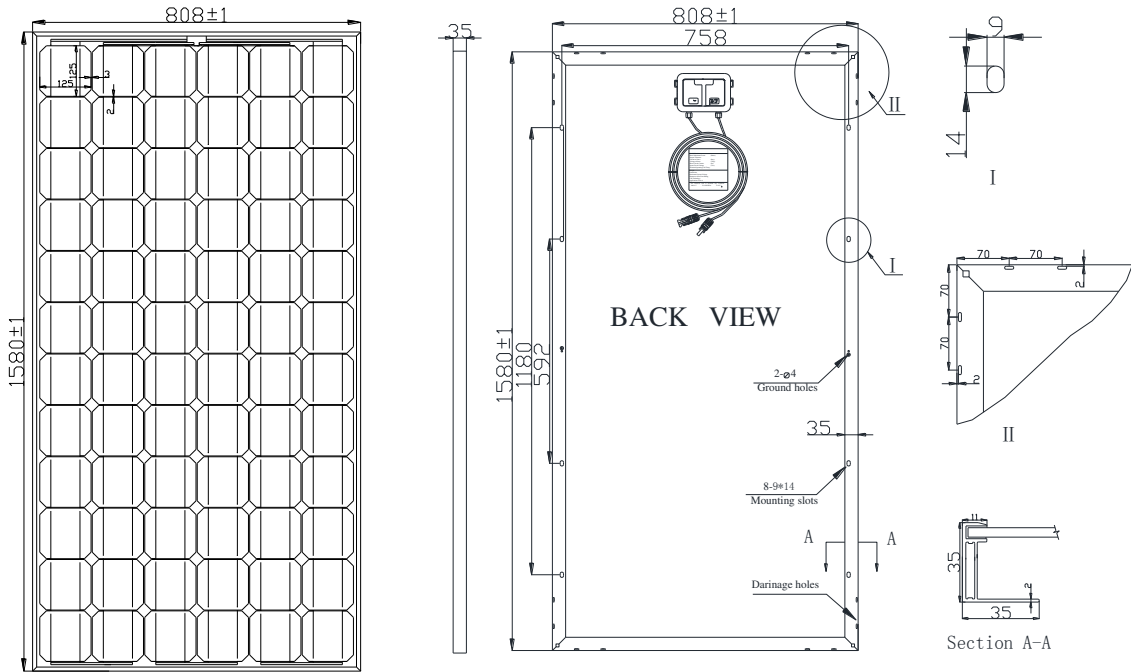
## Warranties

- 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	CNCB200W	CNCB205W	CNCB210W
Maximum Power at STC (Pmax)	200W	205W	210W
Optimum Operating Voltage (Vmp)	36.45V	36.46V	36.48V
Optimum Operating Current (Imp)	5.488A	5.623A	5.757A
Open-Circuit Voltage (Voc)	44.37V	44.39V	44.41V
Short-Circuit Current (Isc)	6.01A	6.158A	6.305A
Solar Cell Efficiency (%)	18.68	19.15	19.62
Solar Module Efficiency (%)	15.67	16.06	16.45
Dimension	1580*808*35mm		
Weight	15.0kg		
Operating Temperature	-40to85℃		
Maximum System Voltage	DC1000		
Maximum Series Fuse Rating	15A		
Power Tolerance	+/-3%		
STC:Irradiance 1000W/m <sup>2</sup> , Modules Temperature 25℃,AM=1.5			

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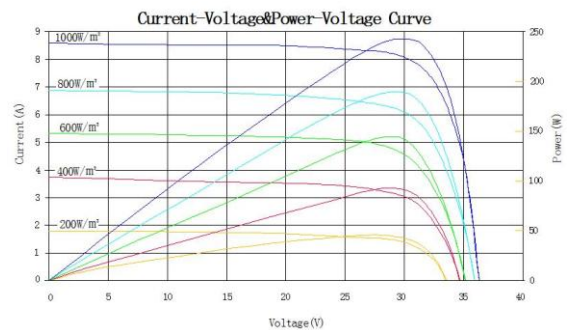
## Engineering Drawings



## Mechanical Characteristics

Solar cell	Mono-Crystalline 125*125mm
No. of cells	72 (6×12)
Dimensions	1580mm*808mm*35mm
Weight	15kg
Front glass	3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction box	PV-*****
Connector	Plug and socket
Output cables	PV 4.0mm <sup>2</sup> ,0.9m
1*20'	386 pcs
1*40'	840pcs
1*40'HQ	868 pcs

## IV-Curves



## Temperature Coefficient

Nominal Operating Cell Temperature (NOCT)	47°C+/-2°C
Temperature Coefficient of Pmax	-0.4384%/°C
Temperature Coefficient of VOC	-0.3324%/°C
Temperature Coefficient of ISC	+0.0461%/°C