



# Photovoltaic Module

## Monocrystalline

### 72Cell 370W-385W

#### 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 at90% of the minimal rated power output
- \*25 years at80% of the minimal rated power output

#### Certificates

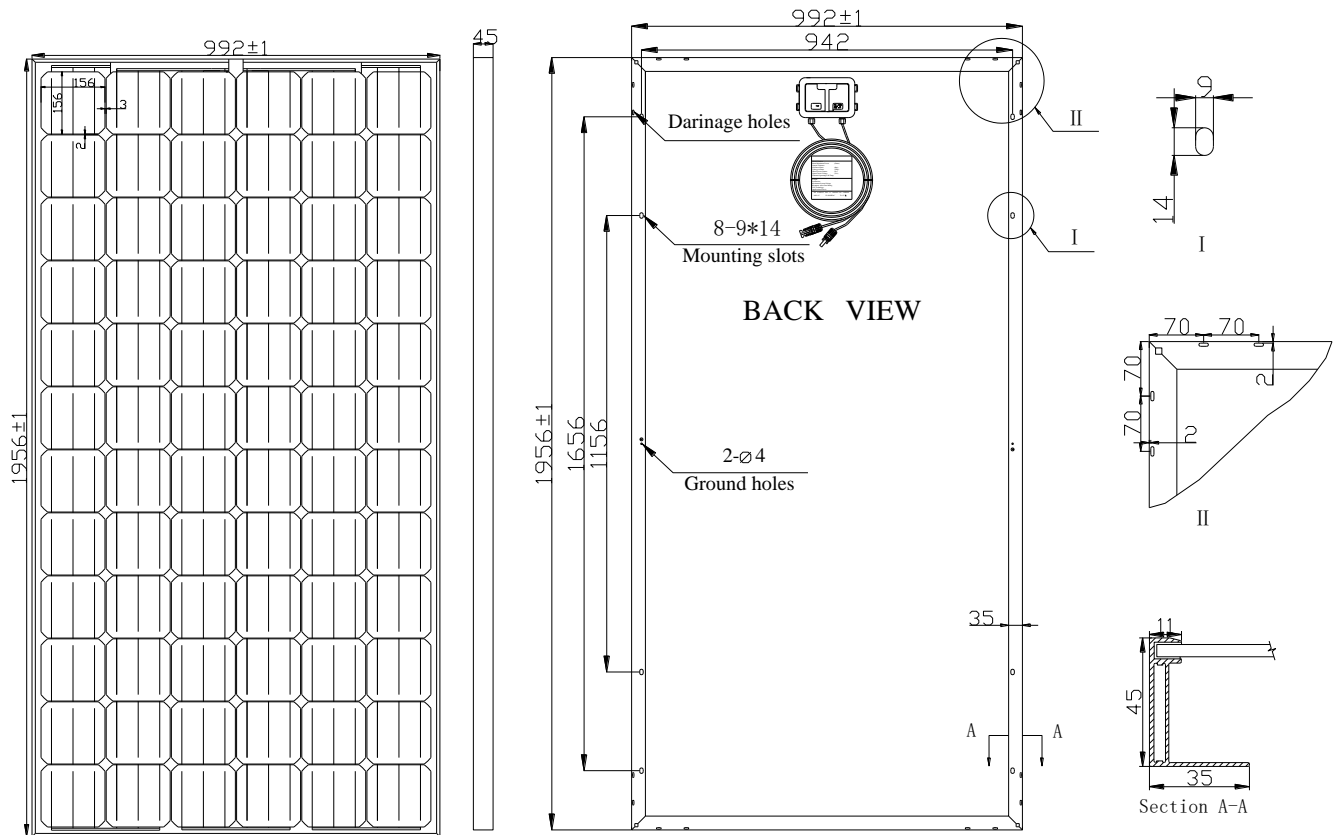


#### Electrical Characteristics

Model	CNCB370W	CNCB375W	CNCB380W	CNCB385W
Maximum Power at STC (Pmax)	370W	375W	380W	385W
Optimum Operating Voltage (Vmp)	39.4V	39.5V	39.6V	39.7V
Optimum Operating Current (Imp)	9.39A	9.49A	9.60A	9.70A
Open-Circuit Voltage (Voc)	48.2V	48.4V	48.5V	48.6V
Short-Circuit Current (Isc)	9.88A	9.96A	10.07A	10.17A
Solar Module Efficiency (%)	19.07	19.33	19.58	19.84
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

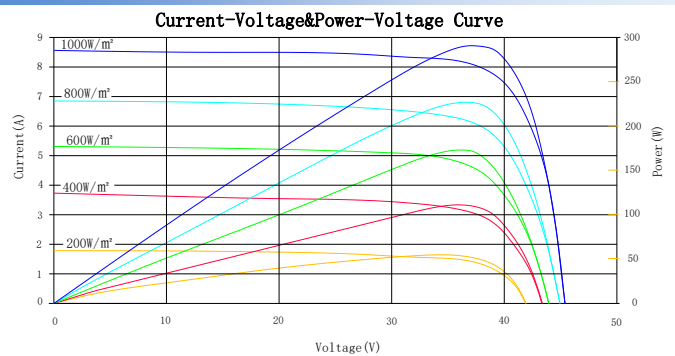
## Engineering Drawings



## Mechanical Characteristics

Solar cell	Mono-Crystalline 156*156mm
No. of cells	72 (6x12)
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 <sup>2</sup> , 0.9m
1*20'	220 pcs
1*40'	528 pcs
1*40'HQ	576 pcs

## IV-Curves



## Temperature Coefficient

Nominal Operating Cell Temperature (NOCT)	45°C +/- 2°C
Temperature Coefficient of Pmax	-0.39%/°C
Temperature Coefficient of VOC	-0.29%/°C
Temperature Coefficient of ISC	+0.049%/°C