Photovoltaic Module

Polycrystalline

36Cell 160W-170W

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	CNCC160W	CNCC165W	CNCC170W
Maximum Power at STC (Pmax)	160W	165W	170W
Optimum Operating Voltage (Vmp)	18.45V	18.6V	18.75V
Optimum Operating Current (Imp)	8.68A	8.87A	9.07A
Open-Circuit Voltage (Voc)	22.9V	23.1V	23.3V
Short-Circuit Current (Isc)	9..07A	9.24A	9.41A
Solar Module Efficiency (%)	16.06	16.40	16.89
Operating Temperature	-40to85℃		
Maximum System Voltage	DC1000		
Maximum Series Fuse Rating	15A		
Power Tolerance	+/-3%		
STC:Irradiance 1000W/㎡,Modules Temperature 25℃,AM=1.5			

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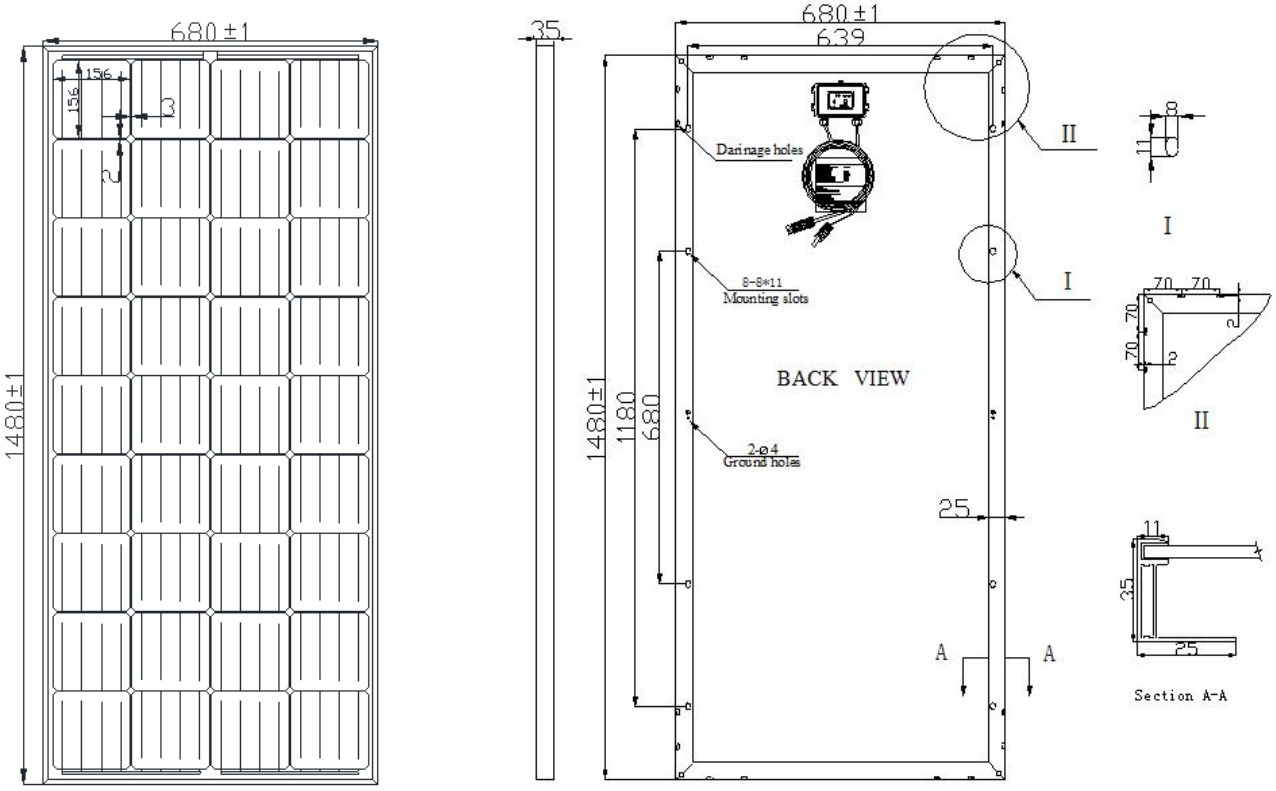
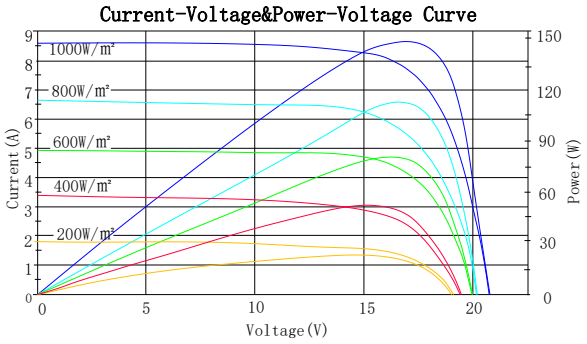
Engineering Drawings



Mechanical Characteristics

Solar cell	Mono-Crystalline156*156mm
No.of cells	36 (4×9)
Dimensions	1480mm*680mm*35mm
Weight	12kg
Front glass	3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction box	PV-*******
Connector	Plug and socket
Output cables	PV 4.0mm² ,0.9m
1*20'	490pcs
1*40'	1050pcs
1*40'HQ	1260pcs

IV-Curves



Temperature Coefficient

Nominal Operating Cell Temperature	(NOCT)	45℃+/-2℃
Temperature Coefficient of Pmax		-0.403%/℃
Temperature Coefficient of VOC		-0.33%/℃
Temperature Coefficient of ISC		+0.049%/℃

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