



多晶 & 单晶太阳能电池组件

Poly & Mono Crystalline silicon solar modules



Features

- High conversion efficiency solar cells based on innovative photovoltaic technologies.
- High stability with guaranteed $\pm 5\%$ output power tolerance, ensuring investment returning.
- Tempered front glass withstand high wind-pressure and snow load.
- Easy to install.

High quality

- 25 years output power warranty.
- Strict quality control meeting with the highest international standards.
- ISO 9001:2008 certified
SGS Audited Supplier certified

Application

- On-grid commercial solar power systems.
- On-grid utility solar power systems.
- Home lighting power system.
- Off-grid solar power system.
- Communications, pumping and irrigation.



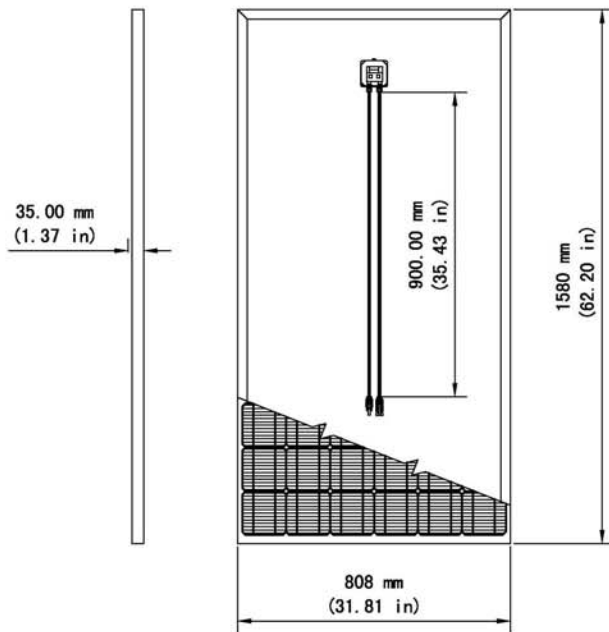
185Wp 单晶太阳能电池组件

185Wp Mono Crystalline silicon solar modules

Electrical Characteristics under STC

Characteristics	YG-72-165M	YG-72-170M	YG-72-175M	YG-72-180M	YG-72-185M
Open-Circuit Voltage (Voc)	44.9V	45.4V	45.6V	46.1V	46.7V
Optimum Operating Voltage (Vmp)	34.8V	35.0V	35.2V	35.4V	35.6V
Short-Circuit Current (Isc)	4.99A	5.09A	5.16A	5.21A	5.28A
Optimum Operating current(Imp)	4.74A	4.86A	4.97A	5.08A	5.19A
Maximum Power at STC(Pmax)	165Wp	170Wp	175Wp	180Wp	185Wp
Operating Temperature	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C
Maximum System Voltage	1000V DC	1000V DC	1000V DC	1000V DC	1000V DC
Power Tolerance	±3%	±3%	±3%	±3%	±3%

*Solar panel testing standard condition (STC):AM1.5、1000W/m、25°C



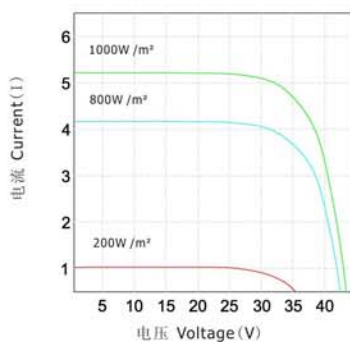
Mechanical Characteristics

Solar cell	Mono-crystalline 125X125mm(5 inch)
Number of cells	72pcs (6X12)
Module dimension	1580X808*35mm (62.2X31.8X1.4inch)
Weight	15.5KG(34.1 lbs)
Front glass	3.2mm(0.13inch) tempered glass
Frame	Anodised aluminum alloy

Temperature Coefficients

Nominal Operating Cell Temperature(NOCT)	-40°C to +85°C
Temperature Coefficient of Pmax	-0.48% /°C
Temperature Coefficient of Voc	-0.34% /°C
Temperature Coefficient of Isc	+0.017% /°C

I-V curve of YG-72-165M



Quality Warranty

10 years products warranty
Power output warranty: >90% in 10 years, >80% in 20 years