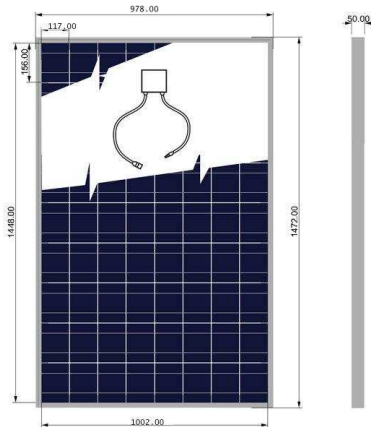


Solar Module

GW190D6-72



Specifications

Cell	Polycrystalline silicon solar cells
No. of cell and connections	72(8×9)
Dimension of module	1472mm×1002mm×50mm
Weight	18kg

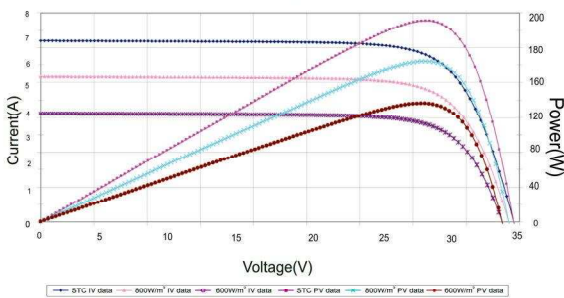
Temperature Coefficients

NOCT	45°C±2°C
Short-circuit current temperature coefficient	(0.055±0.01) %/K
Open-circuit voltage temperature coefficient	− (0.34±0.01) %/K
Peak power temperature coefficient	− (0.48±0.05) %/K
Power tolerance	±3%

NOCT: Nominal Operating Cell Temperature (the data is only reference)

Characteristics

Module IV Graph 190W



Electrical Characteristics

Model	GW-190D6-72
Open-circuit voltage (Voc)	44.26V
Optimum operating voltage (Vpm)	35.1V
Short-circuit current (Isc)	5.6A
Optimum operating current (Ipm)	5.42A
Maximum power at STC (Pmax)	190Wp
Operating temperature	−40°C ~ +85°C
Maximum system voltage	1000V DC

STC: Irradiance 1000W/m², Module temperature 25°C, AM=1.5

Features and Benefits

- High efficiency
- Nominal 24V DC for standard output
- Outstanding low-light performance
- Unique techniques give the panel following features:
 - esthetic appearance, with stands high wind-pressure and snow load, and easy installation
- Unique technology ensure that problems of water freezing and warping do not occur
- Design to meet unique demand of customer
- 25 year module output warranty
 - CE (IEC61215)