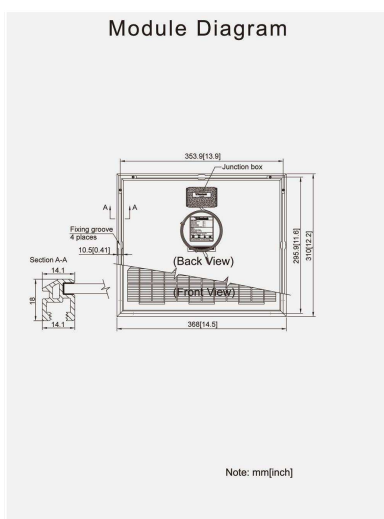


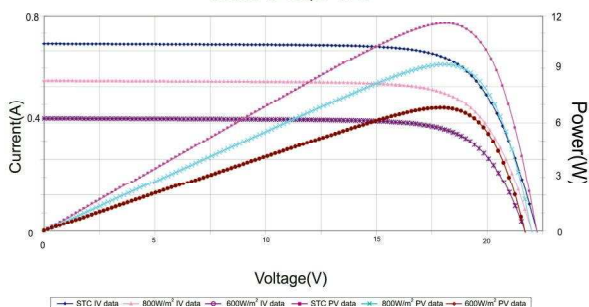
Solar Module

GW10D6-36



Characteristics

Module IV Graph 10 W



Electrical Characteristics

Model	GW010D6-36	GW008D6-36
Open-circuit voltage (Voc)	21.8V	21.6V
Optimum operating voltage (Vmp)	17.6V	17.4V
Short-circuit current (Isc)	0.64A	0.53A
Optimum operating current (Imp)	0.57A	0.46A
Maximum power at STC (Pmax)	10Wp	8Wp
Operating temperature	-40°C 至 ±85°C	-40°C 至 ±85°C
Maximum system voltage	715V DC	715V DC
Efficiency	14.5% ~ 15.5%	

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

Specifications

Cell	Monocrystalline silicon solar cells
No. of cell and connections	36(4×9)
Dimension of module	291mm×351mm×25mm
Weight	1.5kg

Temperature Coefficients

NOCT	45°C±2°C
Short-circuit current temperature coefficient	(0.055±0.01) %/K
Open-circuit voltage temperature coefficient	- (78±10) mV/K
Peak power temperature coefficient	- (0.48±0.05) %/K
Power tolerance	±5%

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

Features and benefits

- High efficiency
- Nominal 12V DC for standard output
- Outstanding low-light performance
- Unique techniques give the panel following features: aesthetic 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