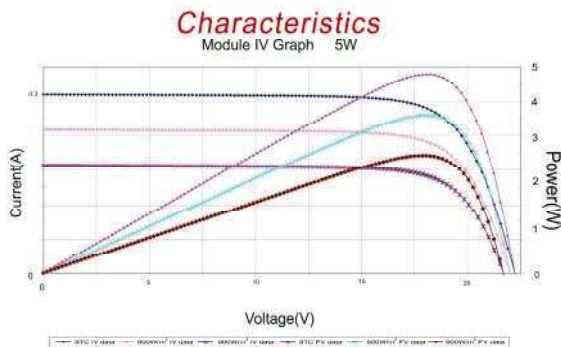
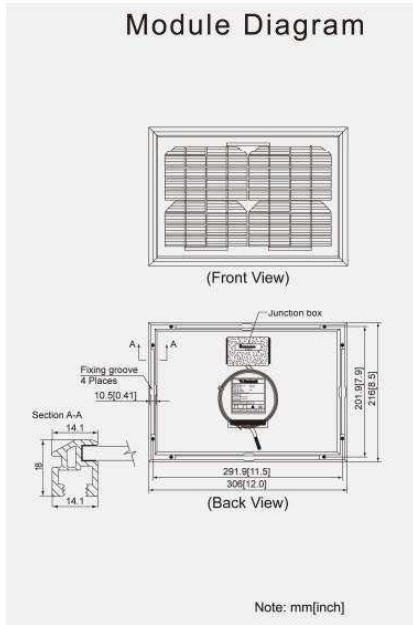


Solar panel

GW-5w-36



Electrical Characteristics

Model	GW005-36	GW004-36
Open-circuit voltage (Voc)	21.6V	21.4V
Optimum operating voltage (Vmp)	17.4V	17.2V
Short-circuit current (Isc)	0.32A	0.27A
Optimum operating current (Imp)	0.29A	0.23A
Maximum power at STC (Pmax)	5Wp	4Wp
Operating temperature	-40°C ~ ±85°C	-40°C ~ ±85°C
Maximum system voltage	715V DC	715V DC

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

Specifications

Cell	Monocrystalline silicon solar cells
No. of cells and connections	36(3×12)
Dimension of module	216mm×306mm×25mm
Weight	0.8kg

Temperature Coefficient

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 for

Features and benefits

- High efficiency
- Nominal 12V 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
- 25 year power output warranty