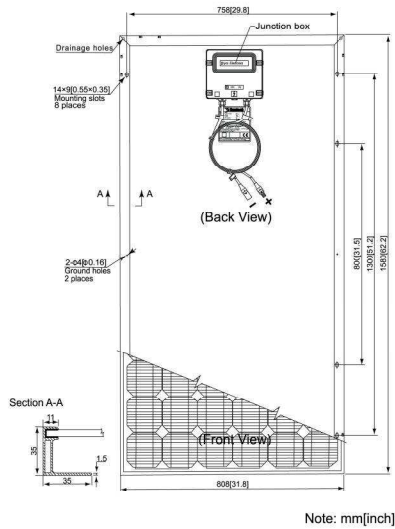


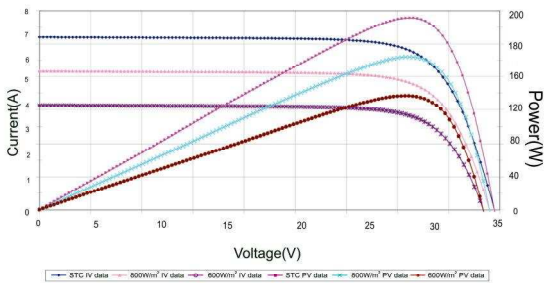
# Solar Module GW160D6-72

## Module Diagram



## Characteristics

Module IV Graph 160 W



## Electrical Characteristics

Model	GW165D6-72	GW160D6-72
Open-circuit voltage (Voc)	42V	40.69V
Optimum operating voltage (Vmp)	35V	34.29V
Short-circuit current (Isc)	5.78A	5.57A
Optimum operating current (Imp)	4.7A	4.672A
Maximum power at STC (Pmax)	165Wp	160Wp
Operating temperature	-40°C ~ ±85°C	-40°C ~ ±85°C
Maximum system voltage	1000V DC	1000V DC
Efficiency	14.1%~15.5%	

STC: Irradiance 1000W/m<sup>2</sup>, Module temperature 25°C, AM=1.5

## Specifications

Cell	Monocrystalline silicon solar cells
No.of cell and connections	72(6×12)
Dimension of module	1580mm×808mm×35mm
Weight	15.5kg

## Temperature Coefficients

NOCT	45°C±2°C
Short-circuit current temperature coefficient	0.017 %/K
Open-circuit voltage temperature coefficient	-0.34%/K
Peak power temperature coefficient	- 0.48%/K
Power tolerance	±3%
Cable	900mm/900mm

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

## 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 certificate (IEC 61215)