2012/13

Just for green energy

JST MODULE

Monocrystalline

JST 65M(36)

JST 70M(36)

Features

- High module conversion efficiency, through superior manufacturing technology
- Guaranteed 0% to +3% Power Tolerance
- Entire module certificated to withstand high wind loads and snow loads (5400Pa)
- Anodized aluminum is mainly for improving corrosion resistance.
- Highly transparent, low-iron, tempered glass, and antireflective coating
- Excellent performance under low light environments

Benefits

- 25-year warranty on power output;10-year warranty on materials and workmanship
- Product liability insurance
- Local technical support
- Local warehousing
- 48 hour-response service
- Enhanced design for easy installation and
- long term reliability

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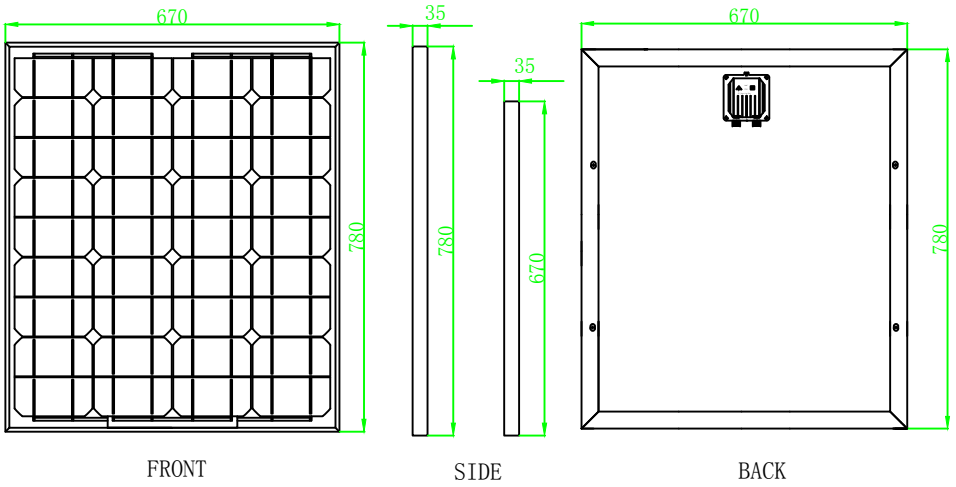
ELECTRICAL SPECIFICATIONS

Model type	JST 65M(36)	JST 70M(36)
Peak power (Pmax)	65W	70W
Cell Efficiency	15.40%	16.35%
Module Efficiency	12.44%	13.39%
Maximum power voltage (Vmp)	17.30V	17.40V
Maximum power current (Imp)	3.76A	4.03A
Open circuit voltage (Voc)	21.50V	21.60V
Short circuit current (Isc)	4.16A	4.56A
Power Tolerance	0 to +3%	
Maximum system voltage	DC 1000V	
Normal Operating Cell Temperature	45.3 ±2℃	
Series fuse rating (A)	15A	
Number of bypass diode	3	

MECHANICAL SPECIFICATIONS

Cell type	156mm x 78mm
Number of cells	36 cells in series
Weight	6.15kg
Dimensions	780 x 670 x 35/46/50 mm
Max Load	5400Pascals (112 lb/ft^2)

PHYSICAL CHARACTERISTICS Unit:mm (inch)

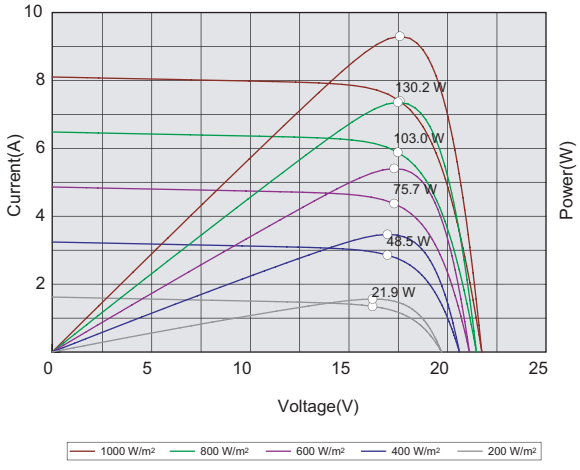


TEMPERATURE COEFFICIENT

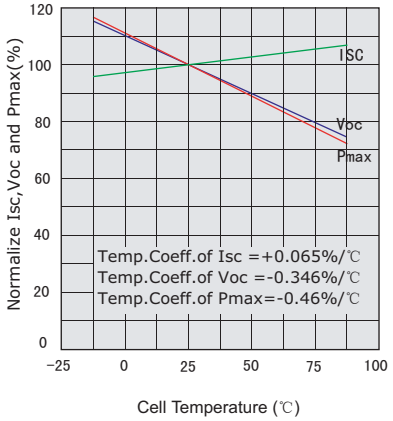
Temp. Coeff. of Isc (TK Isc)	0.065 %/℃
Temp. Coeff. of Voc (TK Voc)	-0.346 %/℃
Temp. Coeff. of Pmax (TK Pmax)	-0.46 %/℃

ELECTRICAL CHARACTERISTICS

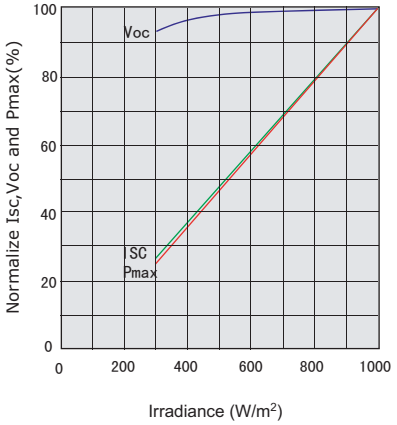
Electrical performance
(cell temperature:25℃)



Temperature dependence of Isc,
Voc and Pmax



Irradiance dependence of Isc,
Voc and Pmax (cell temperature:25℃)



Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000 W/m^2 solar irradiance, 1.5 Air Mass, and cell temperature of 25℃.
The NOCT is obtained under the Test Conditions : 800 W/m^2, 20°C ambient temperature, 1 m/s wind speed, AM 1.5 spectrum.

Please contact support@just-solar.net for technical support. The parameters are for reference only, and are subject to change without notice or obligation.