



2012/13

Just for green energy

JUST MODULE Monocrystalline

JST-M636145 145W
JST-M636140 140W
JST-M636135 135W
JST-M636130 130W
JST-M636125 125W
JST-M636120 120W

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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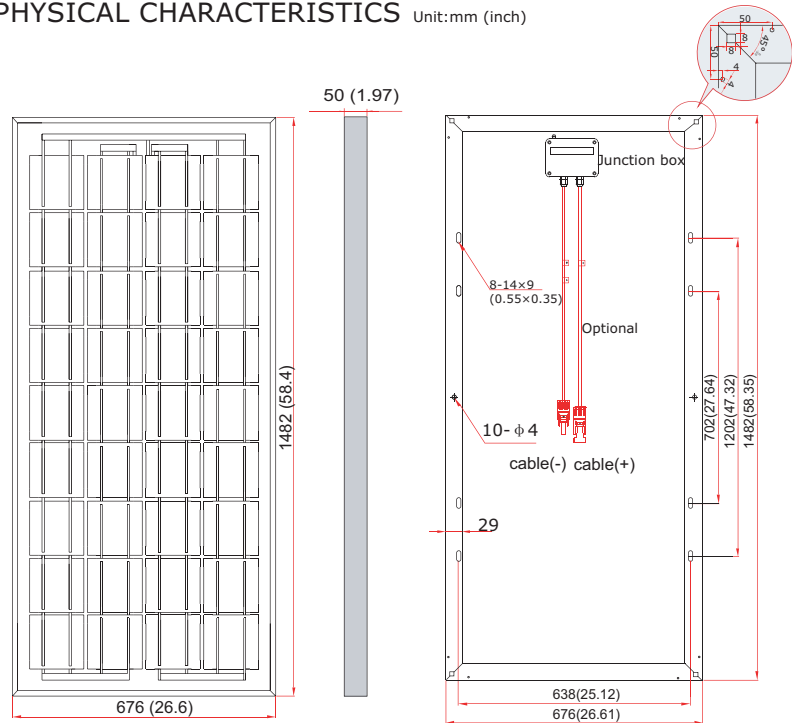
ELECTRICAL SPECIFICATIONS

Model type	JST-M636145	JST-M636140	JST-M636135	JST-M636130	JST-M636125	JST-M636120
Peak power (Pmax)	145W	140W	135W	130W	125W	120W
Cell Efficiency	17.06%	16.47%	15.88%	15.29%	14.71%	14.12%
Module Efficiency	14.50%	13.97%	13.46%	12.98%	12.48%	12.10%
Maximum power voltage (Vmp)	17.80V	17.60V	17.60V	17.41V	17.40V	17.40V
Maximum power current (Imp)	8.15A	7.95A	7.67A	7.47A	7.18A	6.89A
Open circuit voltage (Voc)	21.96V	21.96V	21.96V	21.75V	21.75V	21.75V
Short circuit current (Isc)	8.50A	8.41A	8.41A	8.10A	7.80A	7.63A
Power Tolerance	0 to +3%					
Maximum system voltage	DC 1000V					
Normal Operating Cell Temperature	45.3±2°C					
Series fuse rating (A)	15A					
Number of bypass diode	3					

MECHANICAL SPECIFICATIONS

Cell type	156mm x 156mm
Number of cells	36 cells in series
Weight	13.18 kg (29.06 lbs)
Dimensions	1482×676×50 mm (58.3×26.6×1.97 inch)
Max Load	5400Pascals (112 lb/ft ²)

PHYSICAL CHARACTERISTICS Unit:mm (inch)

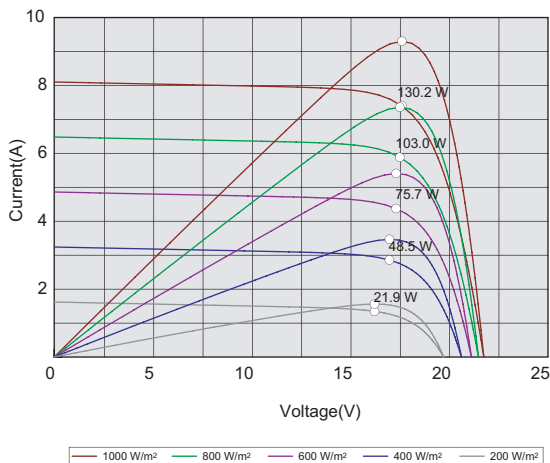


TEMPERATURE COEFFICIENT

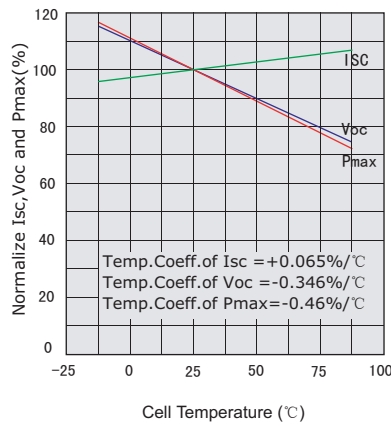
Temp. Coeff. of Isc (TK Isc)	0.065 %/°C
Temp. Coeff. of Voc (TK Voc)	-0.346 %/°C
Temp. Coeff. of Pmax (TK Pmax)	-0.46 %/°C

ELECTRICAL CHARACTERISTICS

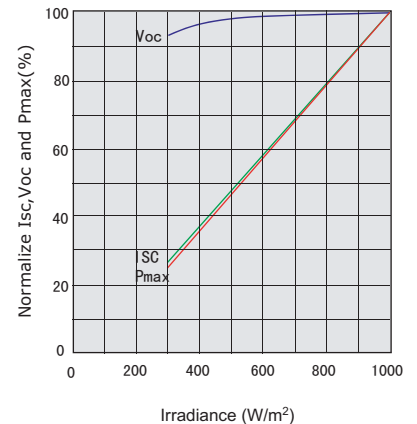
Electrical performance
(cell temperature:25°C)



Temperature dependence of Isc,
Voc and Pmax



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



Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000 W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25 °C.
The NOCT is obtained under the Test Conditions : 800 W/m², 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.