

JST MODULE

JST285M(72) 285W

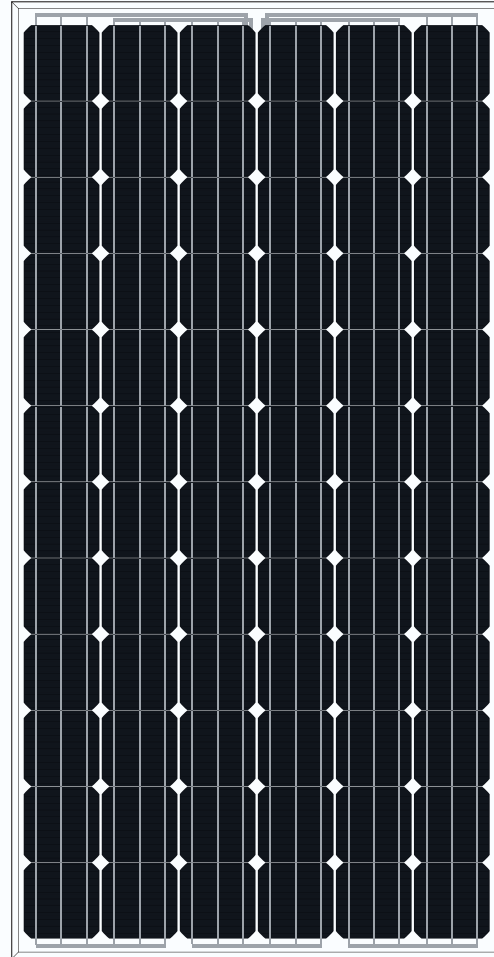
JST290M(72) 290W

JST295M(72) 295W

JST300M(72) 300W

JST305M(72) 305W

JST310M(72) 310W



High conversion efficiency
High module efficiency to guarantee power output.



0 to +5W positive tolerance
Detailed information in Electrical Specifications.



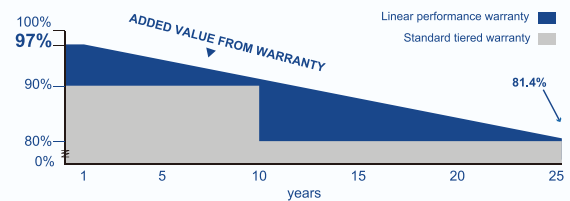
Self-cleaning glass
Coating glass for self-cleaning, reduce surface dust.



48-hour response service



Outstanding low irradiation performance
Excellent module efficiency even in the weak light conditions, such as morning or cloudy.



Excellent loading capability
2400Pa wind loads, 5400Pa snow loads.



25-year performance warranty

10-year warranty on materials and workmanship

IEC 61215 Ed.2
IEC 61730
UL 1703



JST Solar

ELECTRICAL DATA

Model Type	JST285M(72)	JST290M(72)	JST295M(72)	JST300M(72)	JST305M(72)	JST310M(72)
Peak Power (Pmax)	285W	290W	295W	300W	305W	310W
Module Efficiency	14.68%	14.94%	15.20%	15.46%	15.71%	15.97%
Maximum Power Voltage (Vmp)	37.7V	38.0V	38.3V	38.6V	38.9V	39.2V
Maximum Power Current (Imp)	7.55A	7.63A	7.70A	7.77A	7.84A	7.91A
Open Circuit Voltage (Voc) Short	45.4V	45.7V	46.0V	46.3V	46.7V	47.0V
Circuit Current (Isc)	8.48A	8.51A	8.54A	8.57A	8.60A	8.63A
Power Tolerance	0 to +5W					
Maximum System Voltage	1000V					
Nominal Operating Cell Temperature	44.4±2°C					
Maximum Series Fuse Rating	15A					

MECHANICAL DATA

Cell Type	156×156mm
Number of Cells	72 (12×6)
Weight	23.5kg
Dimension	1956×992×50mm
Max Load	5400 Pascals
Junction Box	IP67 rated MC4
Connector	Compatible PV
Wire Type	Wire

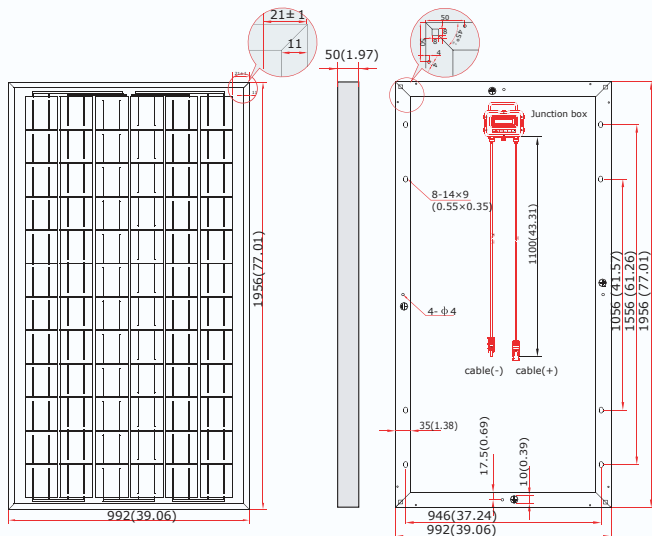
TEMPERATURE CHARACTERISTICS

Temp. Coeff. of Isc (TK Isc)	0.04% /°C
Temp. Coeff. of Voc (TK Voc)	-0.34% /°C
Temp. Coeff. of Pmax (TK Pmax)	-0.44% /°C

PACKING MANNER

Container	20' GP	40' GP
Pieces per Pallet	26	26
Pieces per Container	200	400

PHYSICAL CHARACTERISTICS

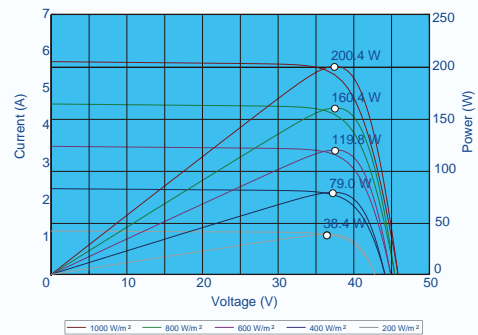


Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25°C. The NOCT is obtained under the Test Conditions: 800W/m², 20°C ambient temperature, 1m/s wind speed, AM 1.5 spectrum.

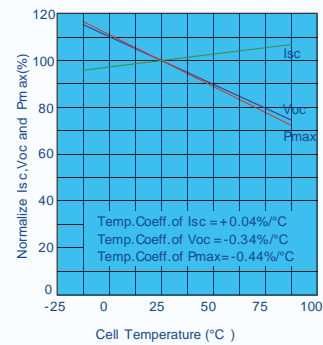
Please contact support@jusolar.com for technical support. The actual transactions will be subject to the contracts. This parameters is for reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.

ELECTRICAL CHARACTERISTICS (Take JST200M for example)

Current-Voltage & Power-Voltage Curve
(AM1.5, Cell Temperature 25°C)



Temperature Dependence of Isc, Voc and Pmax



Irradiance Dependence of Isc, Voc and Pmax
(Cell Temperature: 25°C)

