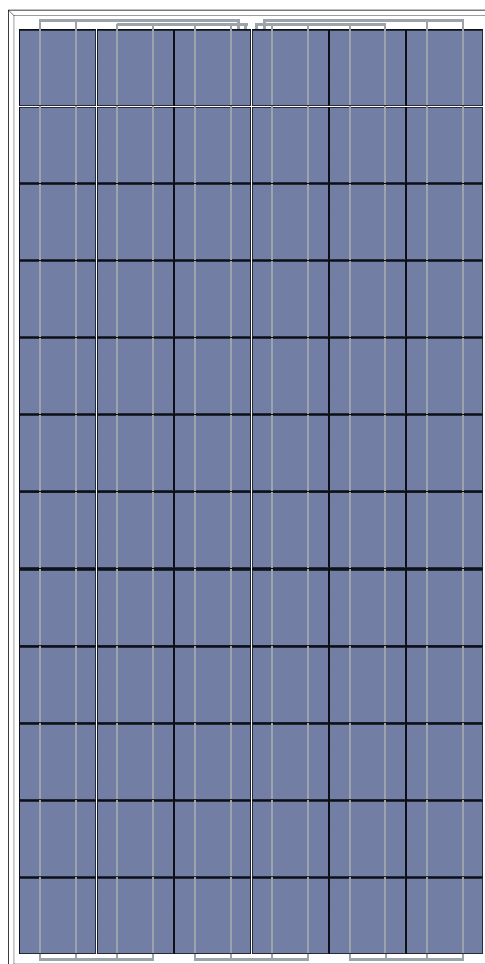


JST MODULE

JST280P(72) 280W

JST290P(72) 290W



High conversion efficiency
High module efficiency to guarantee power output.



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



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



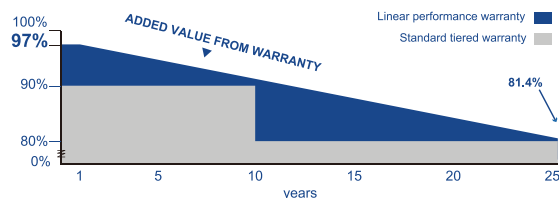
Excellent loading capability
2400Pa wind loads, 5400Pa snow loads.



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



48-hour response service



25

25-year performance warranty

10

10-year warranty on materials and workmanship

IEC 61215 Ed.2
IEC 61730
UL 1703



JST Solar

ELECTRICAL DATA

	JST280P(72)	JST290P(72)
Model Type	JST280P(72)	JST290P(72)
Peak Power (Pmax)	280W	290W
Module Efficiency	14.5%	15%
Maximum Power Voltage (Vmp)	36.4V	36.6V
Maximum Power Current (Imp)	7.69A	7.92A
Open Circuit Voltage (Voc)	44.4V	44.6V
Short Circuit Current (Isc)	8.31A	8.56A
Power Tolerance		±3%
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	22kg
Dimension	1956×992×40mm
Max Load	5400 Pascals
Junction Box	IP67 rated MC4
Connector	Compatible PV
Wire Type	Wire

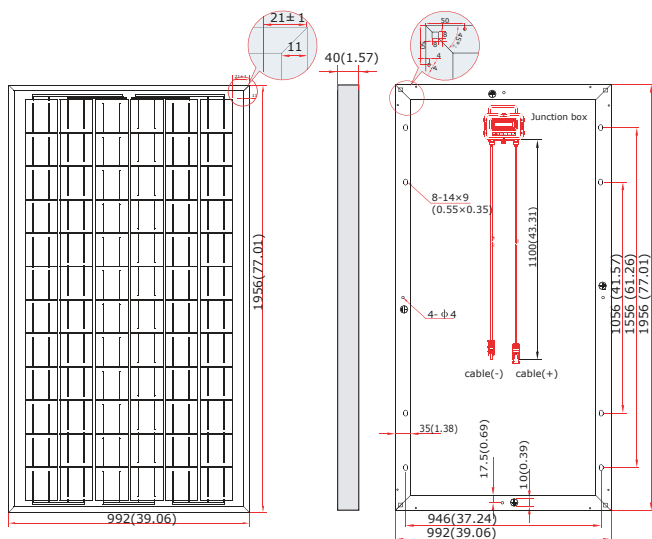
TEMPERATURE CHARACTERISTICS

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	254	526

PHYSICAL CHARACTERISTICS

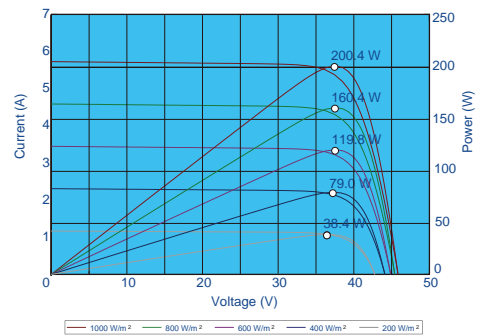


Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25°C. The NOCT is obtained under the Test Conditions: 800W/m², 20°C ambient temperature, 1m/s wind speed, AM 1.5 spectrum.

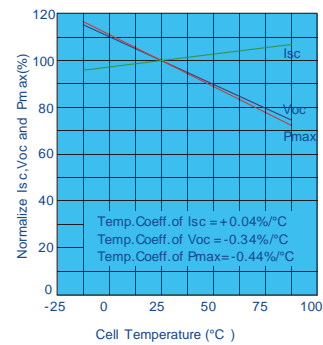
Please contact support@jusolar.com for technical support. The actual transactions will be subject to the contracts. This parameters is for reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.

ELECTRICAL CHARACTERISTICS

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)

