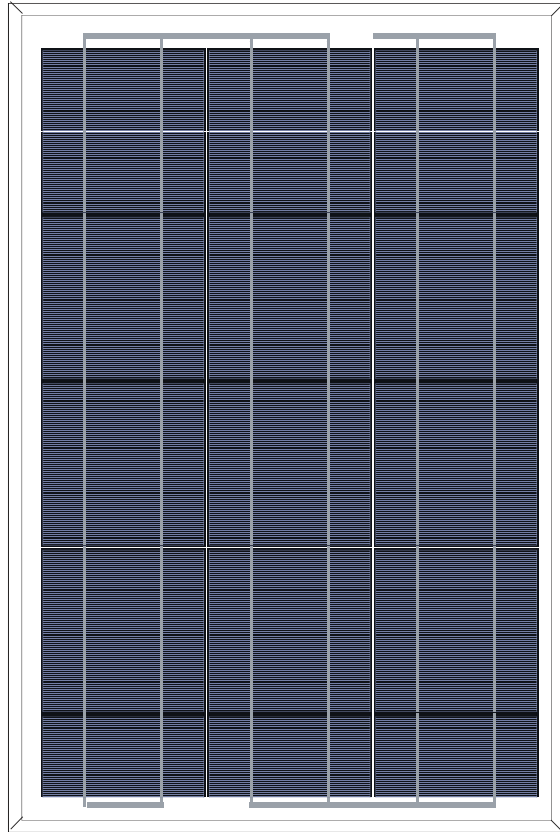


# JST MODULE

JST90P(36) 90W



High conversion efficiency  
High module efficiency to guarantee power output.



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



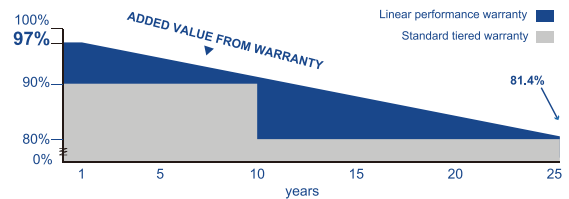
Self-cleaning glass  
Coating glass for self-cleaning, reduce surface dust.



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



## ELECTRICAL DATA

Model Type	JST90P(36)
Peak Power (Pmax)	90W
Module Efficiency	14.09%
Maximum Power Volage (Vmp)	17.64V
Maximum Power Current (Imp)	5.11A
Open Circuit Voltage (Voc)	21.88V
Short Circuit Current (Isc)	5.48A
Power Tolerance	0 to +5%
Maximum System Voltage	1000V
Nominal Operating Cell Temperature	44.4±2°C
Maximum Series Fuse Rating	15A

## MECHANICAL DATA

Cell Type	156x90mm
Number of Cells	36 (12x3)
Weight	8kg
Dimension	1006x670x35mm
Max Load	5400 Pascals
Junction Box	IP67 rated
Connector	No
Wire Type	No

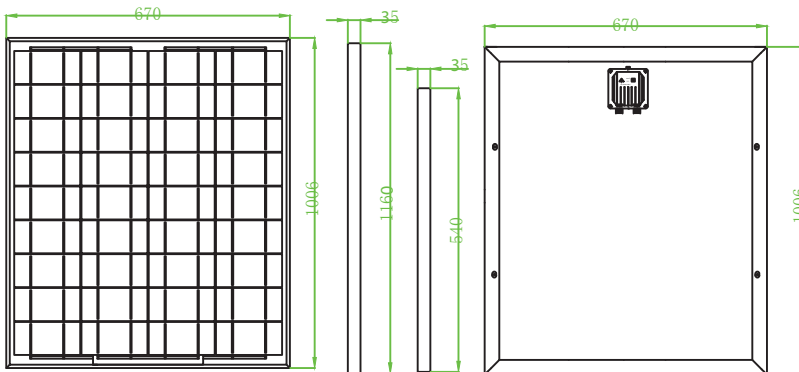
## TEMPERATURE CHARACTERISTICS

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

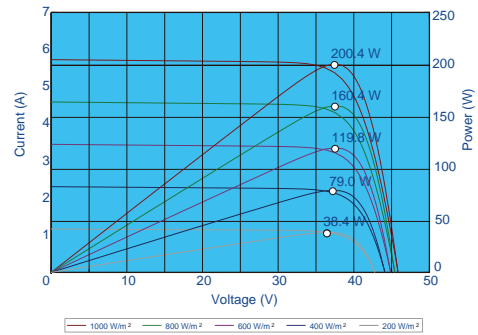
Container	20' GP	40' GP
Pieces per Pallet	26	26
Pieces per Container	800	1600

## PHYSICAL CHARACTERISTICS

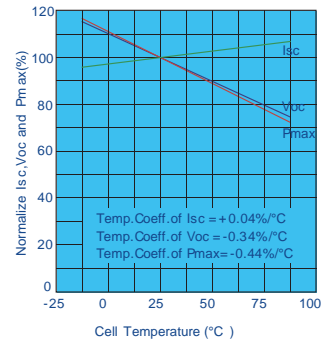


## ELECTRICAL CHARACTERISTICS

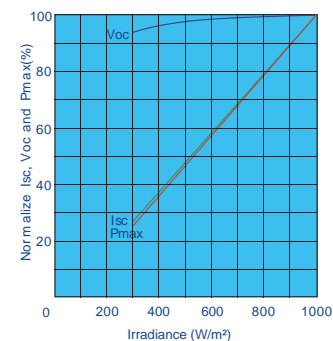
Current-Voltage & Power-Voltage Curve (AM1.5, Cell Temperature 25°C)



Temperature Dependence of Isc, Voc and Pmax



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



Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000W/m<sup>2</sup> solar irradiance, 1.5 Air Mass, and cell temperature of 25°C. The NOCT is obtained under the Test Conditions: 800W/m<sup>2</sup>, 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.