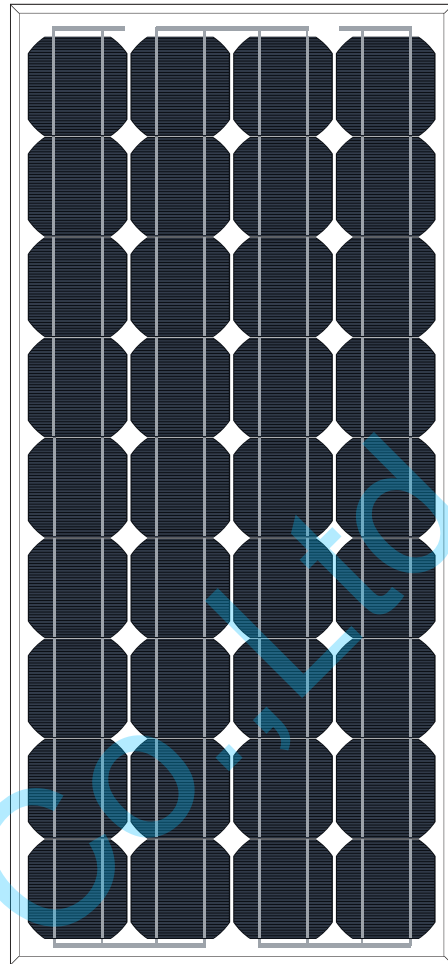


# JST MODULE

JST100M(36) 100W



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.



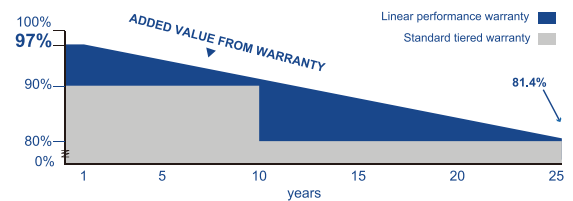
Excellent loading capability  
2400Pa wind loads, 5400Pa snow loads.

0 to +5W

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

48

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



## ELECTRICAL DATA

Model Type	JST100M(36)
Peak Power (Pmax)	100W
Module Efficiency	14.50%
Maximum Power Voltage (Vmp)	18.7V
Maximum Power Current (Imp)	5.34A
Open Circuit Voltage (Voc)	22.6V
Short Circuit Current (Isc)	6.03A
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	156×156mm
Number of Cells	36 (9×4)
Weight	8kg
Dimension	1020×676×35mm
Max Load	5400 Pascals
Junction Box	IP67 rated MC4
Connector	Compatible PV
Wire Type	Wire

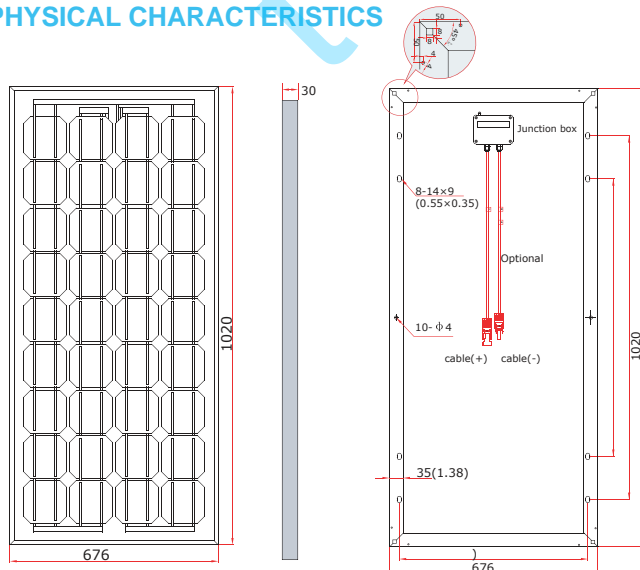
## TEMPERATURE CHARACTERISTICS

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

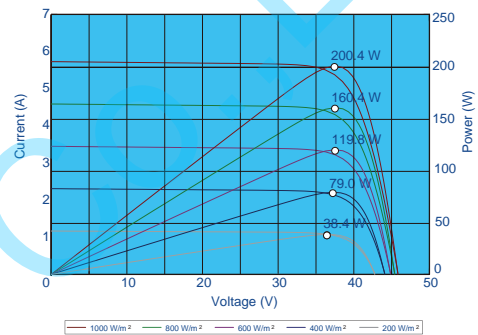
Container	20' GP	40' GP
Pieces per Pallet	26	26
Pieces per Container	700	1400

## PHYSICAL CHARACTERISTICS

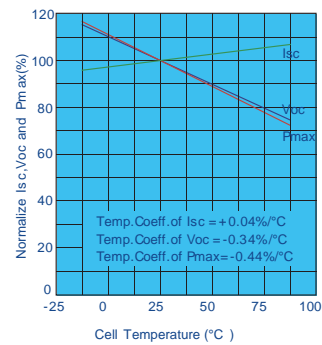


## ELECTRICAL CHARACTERISTICS

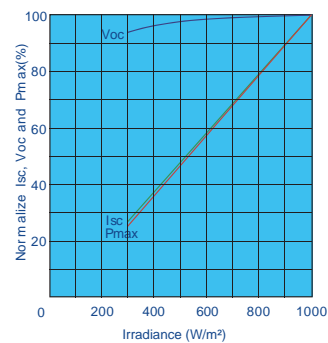
Current-Voltage & Power-Voltage Curve (AM1.5, Cell Temperature 25°C)



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.