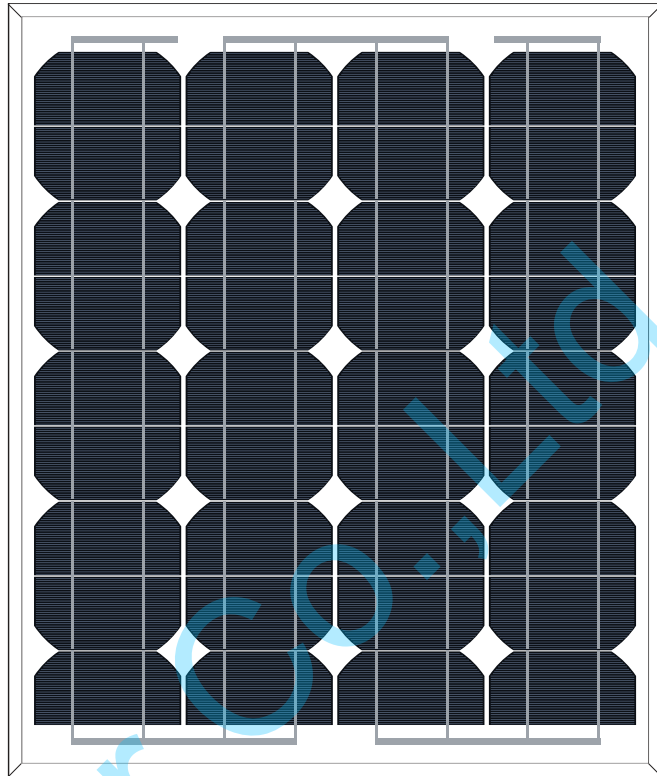


JST MODULE
JST40M(36) 40W
JST45M(36) 45W
JST50M(36) 50W
JST55M(36) 55W
JST60M(36) 60W



High conversion efficiency
 High module efficiency to guarantee power output.



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



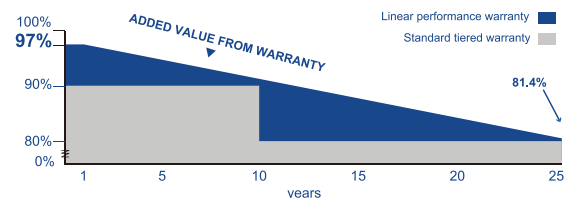
Self-cleaning glass
 Coating glass for self-cleaning, reduce surface dust.



48
 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 25-year performance warranty
10 10-year warranty on materials and workmanship

IEC 61215 Ed.2
 IEC 61730
 UL 1703



JST Solar

ELECTRICAL DATA

Model Type	JST40M(36)	JST45M(36)	JST50M(36)	JST55M(36)	JST60M(36)
Peak Power (Pmax)	40W	45W	50W	55W	60W
Module Efficiency	11.64%	13.10%	14.56%	16.01%	17.47%
Maximum Power Voltage (Vmp)	18.0V	18.1V	18.3V	18.4V	18.6V
Maximum Power Current (Imp)	2.22A	2.48A	2.73A	2.98A	3.23A
Open Circuit Voltage (Voc)	21.8V	21.9V	22.1V	22.2V	22.4V
Short Circuit Current (Isc)	2.59A	2.87A	3.14A	3.41A	3.67A
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	125×125mm
Number of Cells	36 (9×4)
Weight	4.5kg
Dimension	630×545×35mm
Max Load	5400 Pascals
Junction Box	IP67 rated MC4
Connector	Compatible PV
Wire Type	Wire

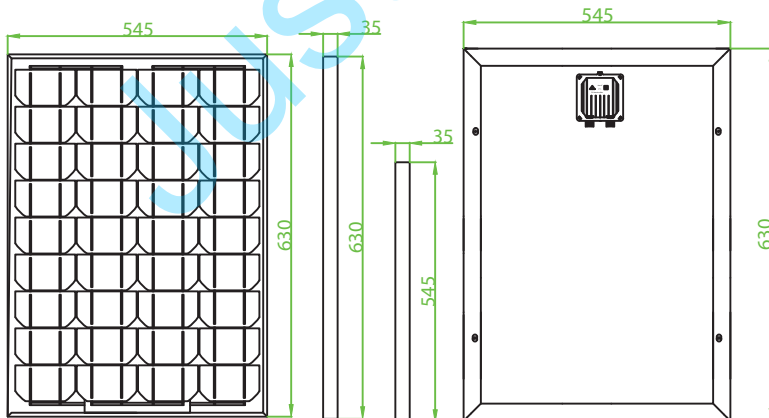
TEMPERATURE CHARACTERISTICS

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

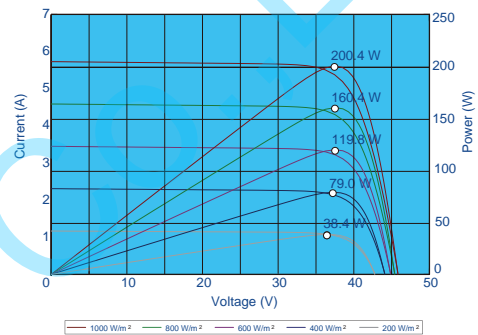
Container	20' GP	40' GP
Pieces per Pallet	26	26
Pieces per Container	1000	2000

PHYSICAL CHARACTERISTICS

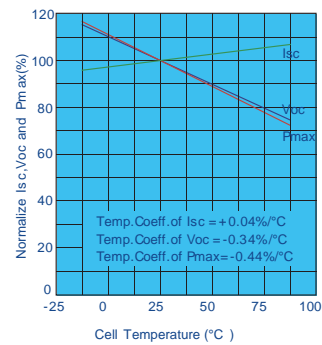


ELECTRICAL CHARACTERISTICS

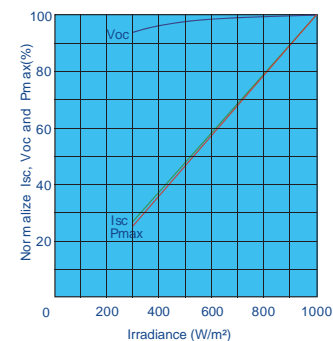
Current-Voltage & Power-Voltage Curve (AM1.5, Cell Temperature 25°C)



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/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.