

# JUSTSOLAR Mono Module

JST440-465M(156)



High conversion efficiency  
High module efficiency to guarantee power output.



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



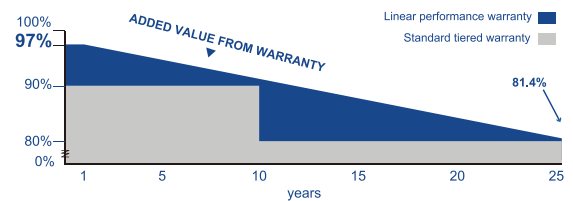
Self-cleaning glass  
Coating glass for self-cleaning, reduce surface dust.



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	JST440M	JST445M	JST450M	JST455M	JST460M	JST465M
Peak Power (Pmax)/W	440	445	450	455	460	465
Module Efficiency/%	20.3	20.5	20.7	21.0	21.2	21.4
Maximum Power Voltage (Vmp)/V	43.80	43.90	44.00	44.10	44.20	44.30
Maximum Power Current (Imp)/A	10.06	10.15	10.24	10.32	10.41	10.50
Open Circuit Voltage (Voc)/V	52.62	52.72	52.82	52.92	53.02	53.12
Short Circuit Current (Isc)/A	10.67	10.77	10.87	10.97	11.07	11.17
Power Tolerance	0 to +5W					
Maximum System Voltage	1500V					
Nominal Operating Cell Temperature	44±2°C					
Maximum Series Fuse Rating	20A					

## MECHANICAL DATA

Cell Type	Mono, 9BB
Number of Cells	156 cells(6x13+6x13)
Weight	25kg
Dimension	2178x996x35mm
Max Load	5400 Pascals
Junction Box	IP68 rated
Connector	MC4 Compatible
Wire Type	PV Wire

## TEMPERATURE CHARACTERISTICS

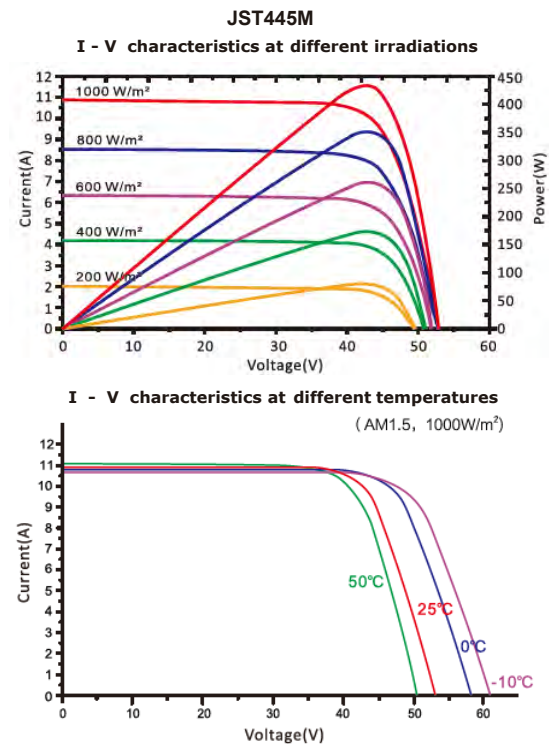
Temp. Coeff. of Isc (TK Isc)	0.05% /°C
Temp. Coeff. of Voc (TK Voc)	-0.29% /°C
Temp. Coeff. of Pmax (TK Pmax)	-0.37% /°C

## PACKING MANNER

Container	40' HQ
Pieces per Pallet	27
Pieces per Container	620

## PHYSICAL CHARACTERISTICS

## ELECTRICAL CHARACTERISTICS



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 isfor reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.