JUSTSOLAR MONO MODULE

JST400-430M(144)-9BB

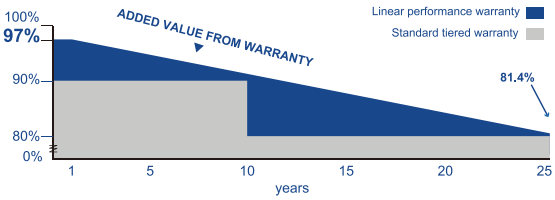
High conversion efficiency
High module efficiency to guarantee power output.

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 25-year performance warranty

10 10-year warranty on materials and workmanship

IEC 61215 Ed.2
IEC 61730
UL 1703

ELECTRICAL DATA

Model Type	JST400M	JST405M	JST410M	JST415M	JST420M	JST425M	JST430M
Peak Power (Pmax)/W	400	405	410	415	420	425	430
Module Efficiency/%	19.9	20.2	20.4	20.7	20.9	21.2	21.4
Maximum Power Volage (Vmp)/V	40.45	40.55	40.65	40.70	40.80	40.90	40.96
Maximum Power Current (Imp)/A	9.90	10.00	10.10	10.20	10.30	10.40	10.50
Open Circuit Voltage (Voc)/V	48.60	48.75	48.90	49.00	49.10	49.20	49.30
Short Circuit Current (Isc)/A	10.50	10.60	10.70	10.80	10.90	11.00	11.10
Power Tolerance	0 to +5W						
Maximum System Voltage	1500V						
Nominal Operating Cell Temperature	44.4±2°C						
Maximum Series Fuse Rating	15A						

MECHNICAL DATA

Cell Type	Monocrystalline, 9BB
Number of Cells	144 cells (6x12+6x12)
Weight	23kg
Dimension	2015x996x40mm
Max Load	5400 Pascals
Junction Box	IP68 rated
Connector	Twinsel PV-SY02, IP68
Wire Type	Compatible PV Wire

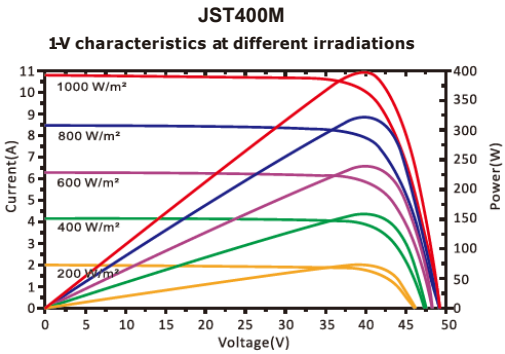
TEMPERATURE CHARACTERISTICS

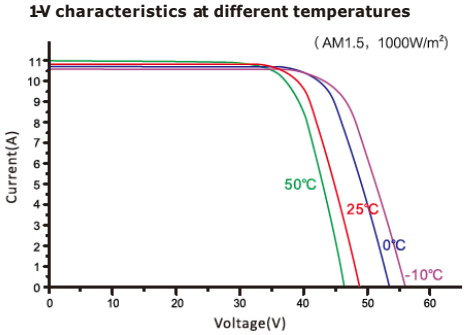
Temp. Coeff. of Isc (TK Isc)	0.04% /°C
Temp. Coeff. of Voc (TK Voc)	-0.28% /°C
Temp. Coeff of Pmax (TK Pmax)	-0.37% /°C

PACKING MANNER

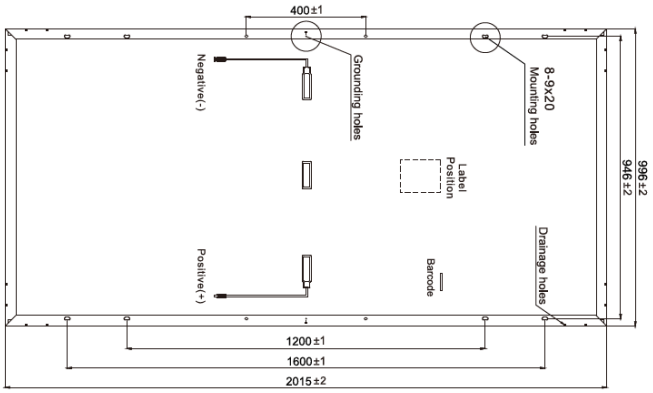
Container	40' HQ
Pieces per Pallet	26
Pieces per Container	660

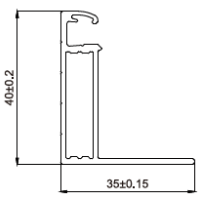
ELECTRICAL CHARACTERISTICS





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