

Mono Solar Module

380W/385W/390W/395W/400W



High Module Conversion Efficiencies



Easy Installation and Handling for Various Applications



Mechanical Load Capability of up to 5400 Pa



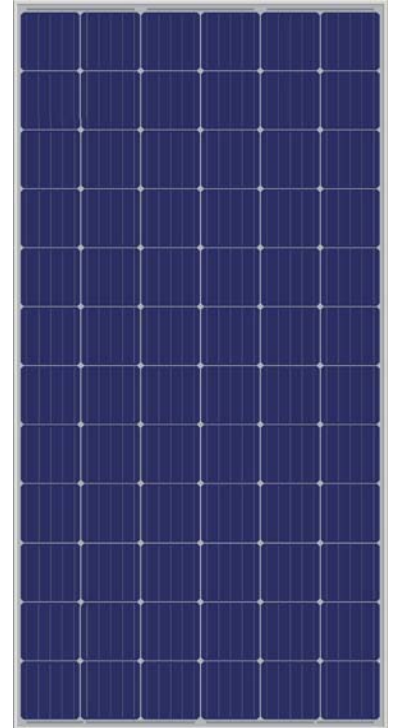
**Conforms with IEC 61215:2005,
IEC 61730:2004, UL 1703 PV Standards**



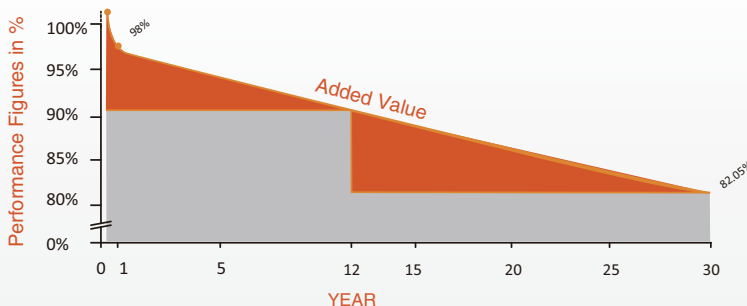
ISO9001, OHSAS18001, ISO14001 Certified



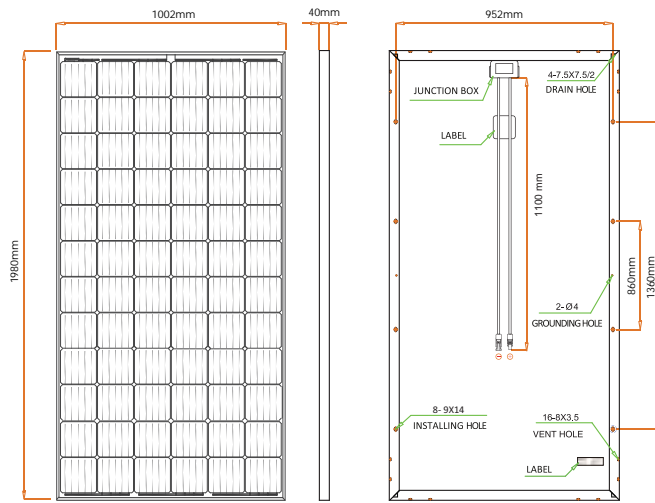
Application Class A, Safety Class II, Fire Rating C



Also applicable for module with black frame & backsheet

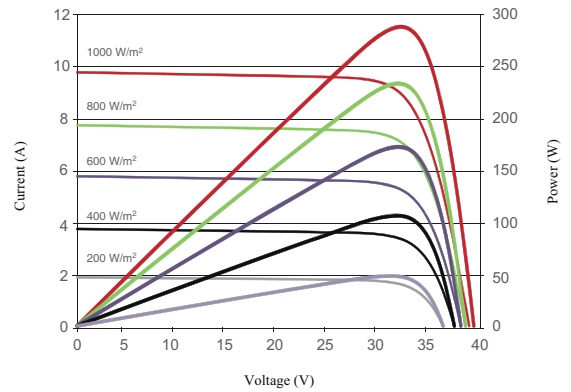


Dimensions



Drawing Only for Reference

I-V Curves



Electrical Characteristics STC	JC380S-24/Abpw	JC385S-24/Abpw	JC390S-24/Abpw	JC395S-24/Abpw	JC400S-24/Abpw
Maximum Power (Pmax)	380W	385W	390W	395W	400W
Power Tolerance	0-+5W	0-+5W	0-+5W	0-+5W	0-+5W
Module Efficiency	19.15%	19.41%	19.66%	19.91%	20.16%
Maximum Power Current (Imp)	9.33A	9.40A	9.47A	9.55A	9.62A
Maximum Power Voltage (Vmp)	40.8V	41.0V	41.2V	41.4V	41.6V
Short Circuit Current (Isc)	9.92A	9.99A	10.06A	10.14A	10.21A
Open Circuit Voltage (Voc)	48.3V	48.5V	48.7V	48.9V	49.1V
Values at Standard Test Conditions STC (AM1.5, Irradiance 1000W/m ² , Cell Temperature 25°C)					

Electrical Characteristics NOCT	JC380S-24/Abpw	JC385S-24/Abpw	JC390S-24/Abpw	JC395S-24/Abpw	JC400S-24/Abpw
Maximum Power (Pmax)	286W	290W	303W	307W	311W
Maximum Power Current (Imp)	7.46A	7.52A	7.59A	7.65A	7.72A
Maximum Power Voltage (Vmp)	38.4V	38.6V	38.8V	39.0V	39.2V
Short Circuit Current (Isc)	7.94A	8.00A	8.07A	8.13A	8.20A
Open Circuit Voltage (Voc)	46.8V	47.0V	47.2V	47.4V	47.6V
Values at Normal Operating Cell Temperature, Irradiance of 800W/m ² , AM1.5, Ambient Temperature 20°C, wind speed 1m/s.					

Mechanical Characteristics

Cell Type	Mnon P-Type, 158.75x158.75(±1)mm, 72 (6x12) pcs in series
Glass	High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminum Alloy
Junction Box	IP68 Rated, With Bypass Diodes
Dimension	*1980 x 1002 x 40 mm
Output Cable	4 mm ² (EU)/12 AWG (US), 1100 mm
Weight	22.5 kg
Installation Hole Location	See Drawing Above

Characteristics

Temperature Coefficient of Voc	-0.30%/°C
Temperature Coefficient of Isc	0.05%/°C
Temperature Coefficient of Pmax	-0.37%/°C
Nominal Operating Cell Temperature (NOCT)	45°C±2°C

Packing Information

Container	20' GP	40' GP	40' HQ
Pallets per Container	10	24	24
Pieces per Container	270	648	708

Maximum Ratings

Operating Temperature	-40°C ~ +85°C
Maximum System Voltage	1500VDC
Maximum Series Fuse Rating	20A