

Mono Solar Module

370W/375W/380W/385W/390W



High Module Conversion Efficiencies



Easy Installation and Handling for Various Applications



Mechanical Load Capability of up to 5400 Pa



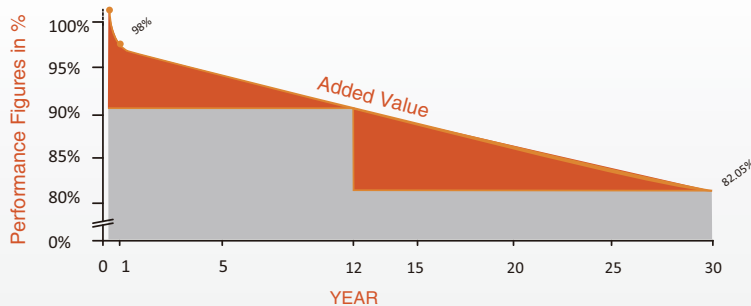
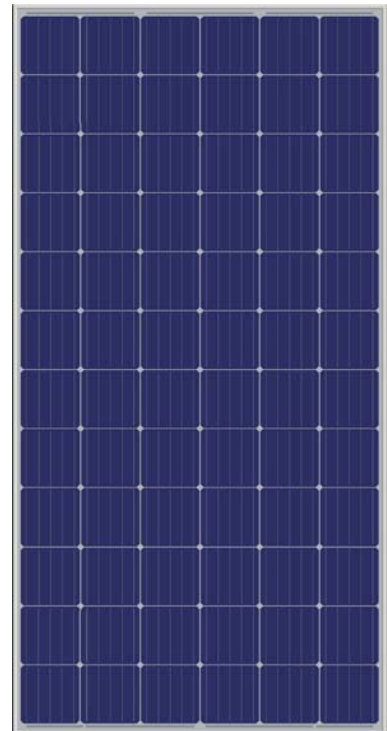
Conforms with IEC 61215:2005,
IEC 61730:2004, UL 1703 PV Standards



ISO9001, OHSAS18001, ISO14001 Certified



Application Class A, Safety Class II, Fire Rating C

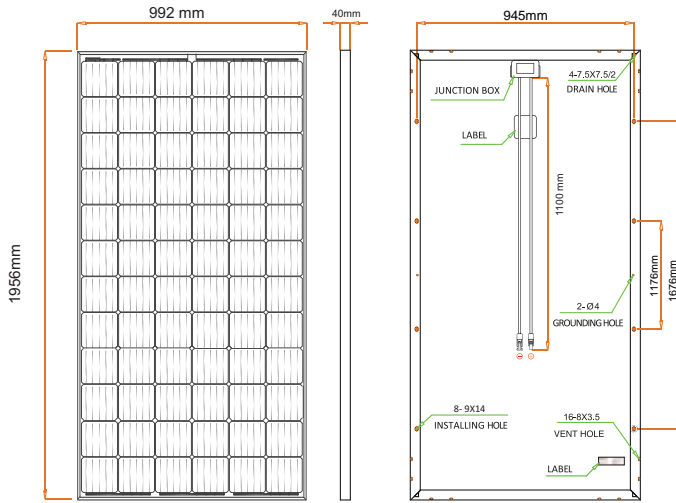


12-year
Material & Workmanship

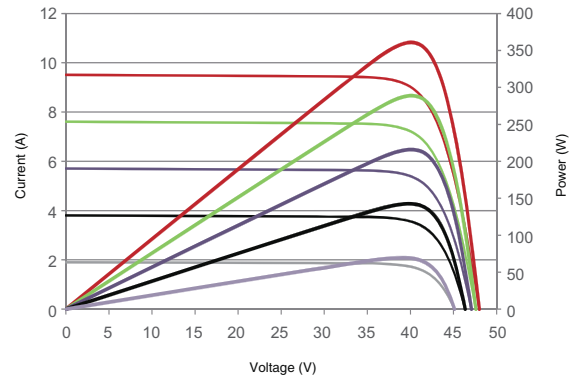
30-year
Linear Power Output



Dimensions



I-V Curves



Drawing Only For Reference

Electrical Characteristics STC

	JC370S-24/Abpw	JC375S-24/Abpw	JC380S-24/Abpw	JC385S-24/Abpw	JC390S-24/Abpw
Maximum Power (Pmax)	370 W	375 W	380 W	385 W	390 W
Power Tolerance	0~+5 W	0~+5 W	0~+5 W	0~+5 W	0~+5 W
Module Efficiency	19.08%	19.34%	19.60%	19.84%	20.10%
Maximum Power Current (Imp)	9.28 A	9.36 A	9.46 A	9.56 A	9.66 A
Maximum Power Voltage (Vmp)	39.9 V	40.1 V	40.2 V	40.3 V	40.4 V
Short Circuit Current (Isc)	9.81 A	9.87 A	9.94 A	10.01 A	10.08 A
Open Circuit Voltage (Voc)	47.8V	47.9V	48.0V	48.1V	48.2V

Values at Standard Test Conditions STC (AM1.5, Irradiance 1000W/m², Cell Temperature 25°C)

Electrical Characteristics NOCT

	JC370S-24/Abpw	JC375S-24/Abpw	JC380S-24/Abpw	JC385S-24/Abpw	JC390S-24/Abpw
Maximum Power (Pmax)	274 W	278 W	282 W	286 W	290 W
Maximum Power Current (Imp)	7.59 A	7.68 A	7.77 A	7.86 A	7.95 A
Maximum Power Voltage (Vmp)	36.1V	36.2V	36.3V	36.4V	36.5V
Short Circuit Current (Isc)	8.03 A	8.12 A	8.24 A	8.34 A	8.43 A
Open Circuit Voltage (Voc)	44.3 V	44.4 V	44.5 V	44.6 V	44.7 V

Values at Normal Operating Cell Temperature, Irradiance of 800W/m², AM1.5, Ambient Temperature 20°C, Wind Speed 1m/s.

Mechanical Characteristics

Cell Type	Mono P-Type, 157×157(±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	*1956 x 992 x 40 mm
Output Cable	4 mm ² (EU)/12 AWG (US), 1100 mm
Weight	22kg
Installation Hole Location	See Drawing Above

Characteristics

Temperature Coefficient of Voc	-0.31%/°C
Temperature Coefficient of Isc	0.03%/°C
Temperature Coefficient of Pmax	-0.43%/°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