

ReneSola

Twin1.0

Mono Half-Cut 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, PID Test



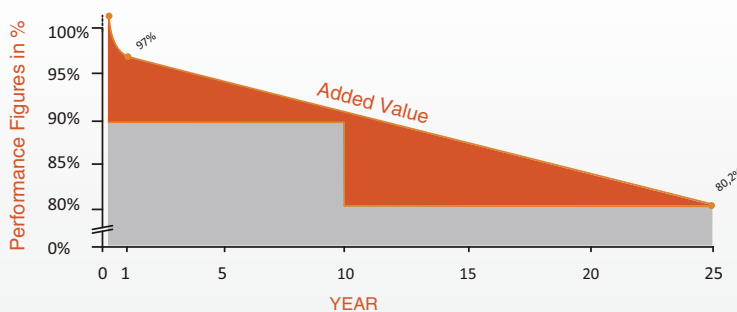
ISO9001, OHSAS18001, ISO14001 Certified



Application Class A, Safety Class II, Fire Rating C



Drawing Only for Reference

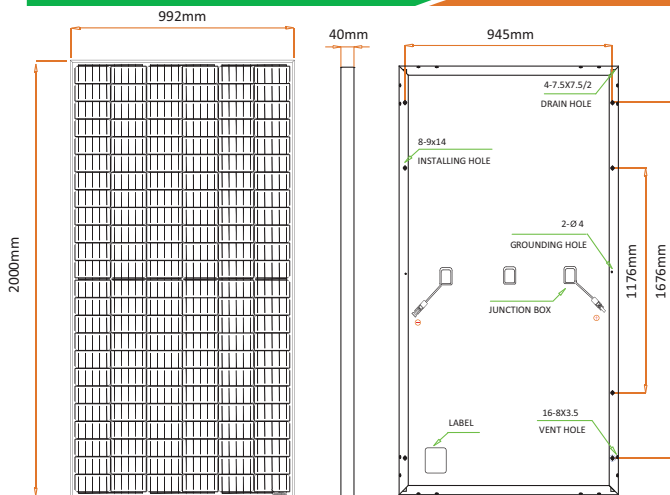


10-year
Material & Workmanship

25-year
Linear Power Output

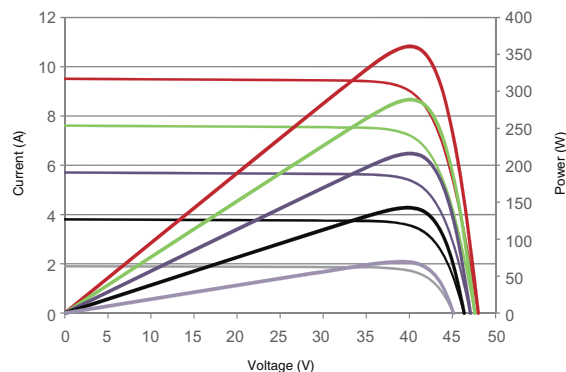


Dimensions



Drawing Only for Reference

I-V Curves



Electrical Characteristics STC

	JC370S-Abc	JC375S-Abc	JC380S-Abc	JC385S-Abc	JC390S-Abc
Maximum Power (Pmax)	370 W	375 W	380 W	385 W	390 W
Power Tolerance	0 ~ +5W	0 ~ +5W	0 ~ +5W	0 ~ +5W	0 ~ +5W
Module Efficiency	18.65%	18.90%	19.15%	19.41%	19.66%
Maximum Power Current (Imp)	9.32 A	9.40 A	9.48 A	9.56 A	9.63 A
Maximum Power Voltage (Vmp)	39.7 V	39.9 V	40.1 V	40.3 V	40.5V
Short Circuit Current (Isc)	9.82 A	9.90 A	9.98 A	10.06 A	10.13 A
Open Circuit Voltage (Voc)	47.5 V	47.7 V	47.9 V	48.1V	48.3 V

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

Electrical Characteristics NOCT

	JC370S-Abc	JC375S-Abc	JC380S-Abc	JC385S-Abc	JC390S-Abc
Maximum Power (Pmax)	275 W	279 W	282 W	286 W	289 W
Maximum Power Current (Imp)	7.49 A	7.56 A	7.61 A	7.66 A	7.71 A
Maximum Power Voltage (Vmp)	36.7 V	36.9 V	37.1 V	37.3 V	37.5 V
Short Circuit Current (Isc)	7.91 A	7.99 A	8.03 A	8.08 A	8.13 A
Open Circuit Voltage (Voc)	44.5 V	44.7 V	44.9 V	45.1 V	45.3 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 x78.5 (±1)mm, 144 (6x24) Half-Cut Cells
Glass	High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminum Alloy
Junction Box	IP68 Rated, With Bypass Diodes
Dimension	*2000 x 992 x 40 mm
Output Cable	4 mm ² (EU), 650mm
Weight	23.5 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

	20' GP	40' GP	40' HQ
Container	20' GP	40' GP	40' HQ
Pallets per Container	10	22	22
Pieces per Container	270	594	649

Maximum Ratings

Operating Temperature	-40°C ~ +85°C
Maximum System Voltage	1000VDC
Maximum Series Fuse Rating	20A

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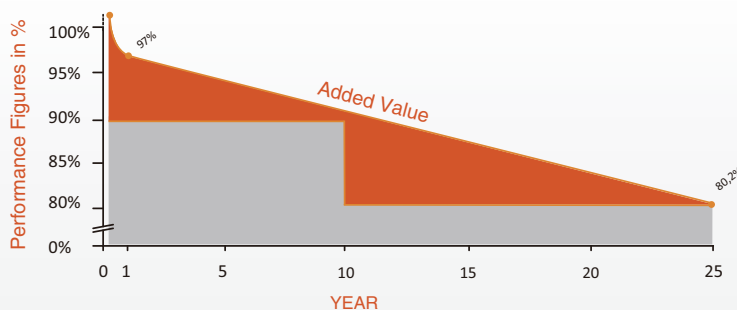
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10-year

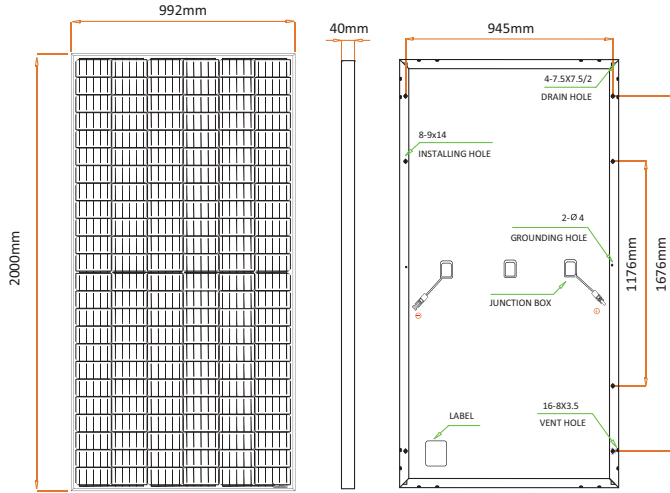
Material & Workmanship

25-year

Linear Power Output

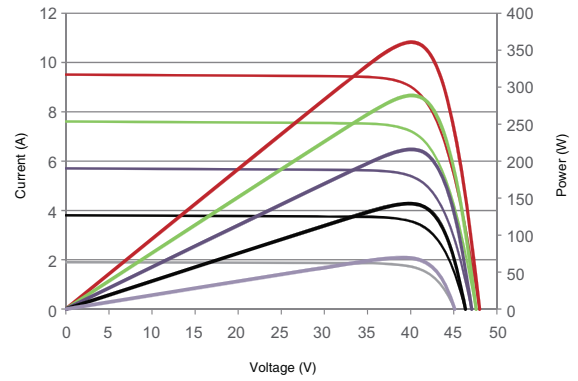


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Container	20' GP	40' GP	40' HQ
Pallets per Container	10	22	22
Pieces per Container	260	572	627

Maximum Ratings

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