

ReneSola

Virtus[®] II (5BB)

Mono PERC Solar Module

360W/365W/370W/375W/380W



High Module Conversion Efficiencies



Easy Installation and Handling for Various Applications



Mechanical Load Capability of up to 5400 Pa



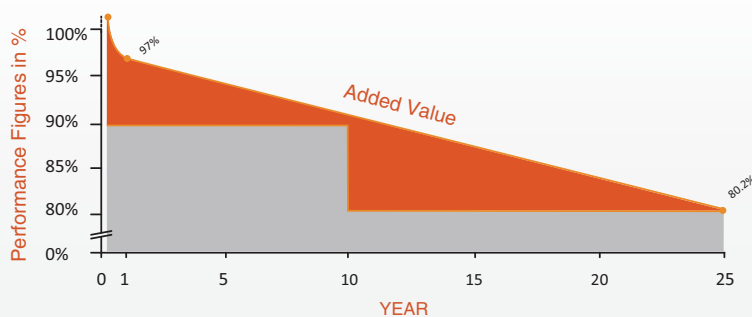
Conforms with IEC 61215:2005,
IEC 61730:2004, UL 1703 PV Standards



ISO9001, OHSAS18001, ISO14001 Certified



Application Class A, Safety Class II, Fire Rating C



10-year

material & workmanship

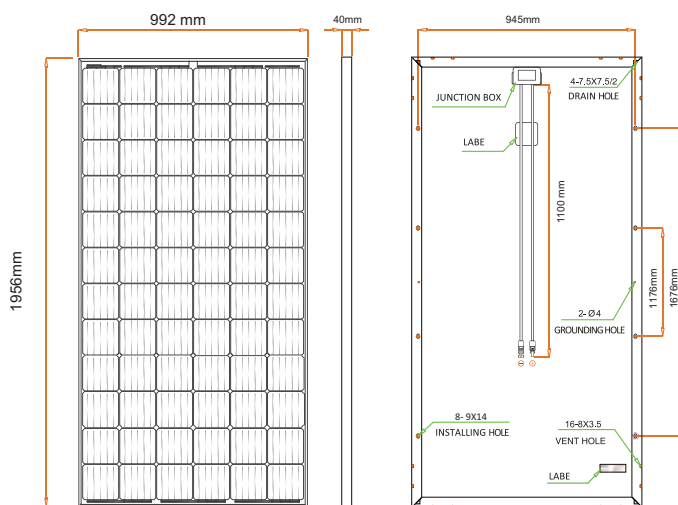
25-year

linear power output



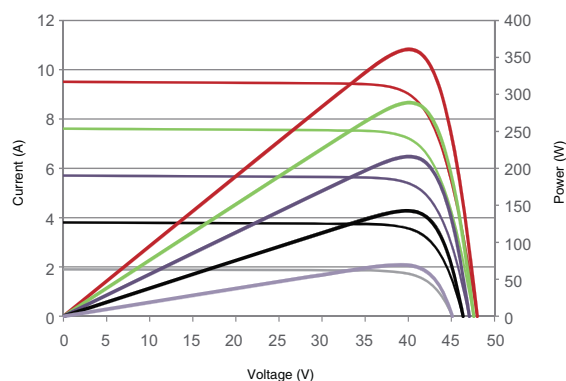
www.renesola.com

Dimensions



Drawing Only For Reference

I-V Curves



Electrical Characteristics STC

	JC360S-24/Abw	JC365S-24/Abw	JC370S-24/Abw	JC375S-24/Abw	JC380S-24/Abw
Maximum Power (Pmax)	360W	365 W	370 W	375 W	380 W
Power Tolerance	0~+5W	0~+5 W	0~+5 W	0~+5 W	0~+5 W
Module Efficiency	18.57%	18.83%	19.08%	19.34%	19.60%
Maximum Power Current (Imp)	9.10A	9.18 A	9.28 A	9.36 A	9.46 A
Maximum Power Voltage (Vmp)	39.6 V	39.8 V	39.9 V	40.1 V	40.2 V
Short Circuit Current (Isc)	9.63A	9.72A	9.81 A	9.87 A	9.94 A
Open Circuit Voltage (Voc)	47.6 V	47.7V	47.8V	47.9V	48.0V

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

Electrical Characteristics NOCT

	JC360S-24/Abw	JC365S-24/Abw	JC370S-24/Abw	JC375S-24/Abw	JC380S-24/Abw
Maximum Power (Pmax)	266 W	270 W	274 W	278 W	282 W
Maximum Power Current (Imp)	7.41 A	7.50 A	7.59 A	7.68 A	7.77 A
Maximum Power Voltage (Vmp)	35.9 V	36.0 V	36.1V	36.2V	36.3V
Short Circuit Current (Isc)	7.79 A	7.92 A	8.03 A	8.12 A	8.24 A
Open Circuit Voltage (Voc)	44.1 V	44.2 V	44.3 V	44.4 V	44.5 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	157×157(±1) mm , Mono PERC , 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 mm² (EU)/12 AWG (US), 1100 mm
Weight	23kg
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

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

Maximum Ratings

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

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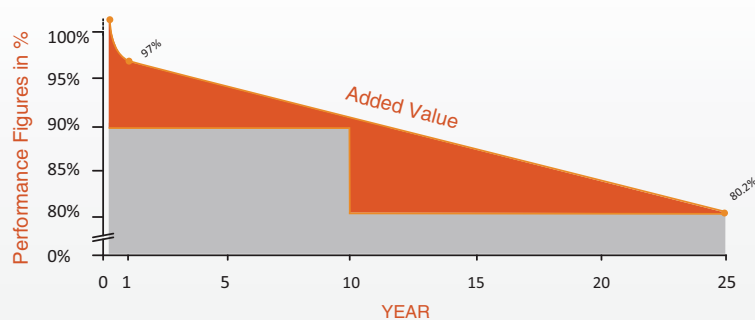
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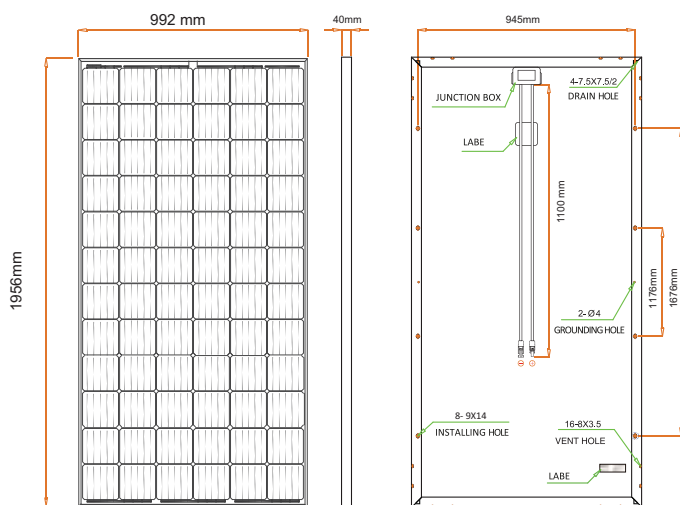
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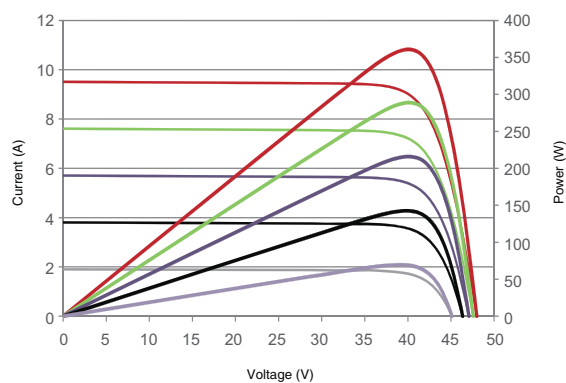
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Maximum System Voltage	1500VDC
Maximum Series Fuse Rating	20A