

Double Glass Module

300W, 305W, 310W, 315W



High Module Conversion Efficiencies



Easy Installation and Handling for Various Applications



Mechanical Load Capability of up to 2400 Pa



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

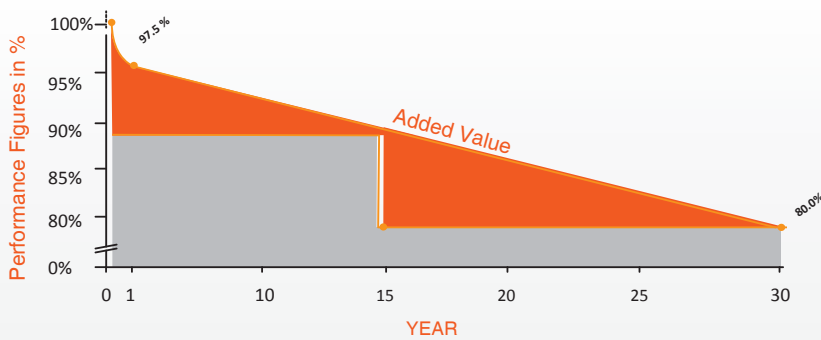


ISO9001, OHSAS18001, ISO14001 Certified



Application Class A, Safety Class II, Fire Rating A

1500V

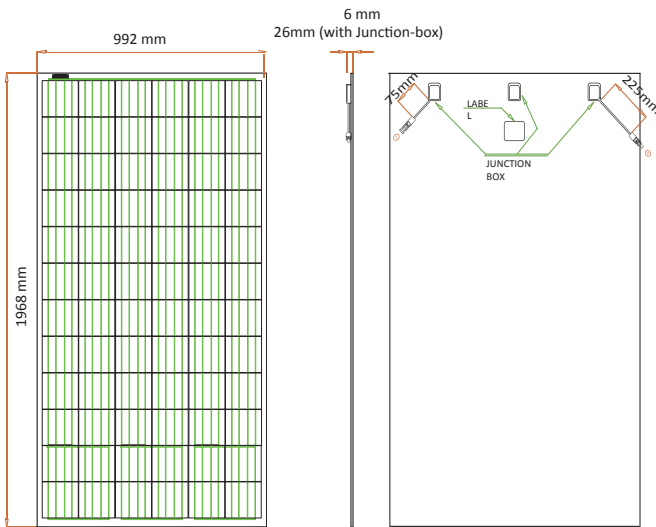


10-year
material & workmanship

30-year
linear power output

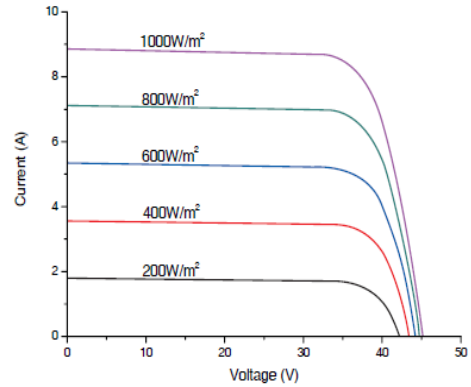


Dimensions



Drawing Only for Reference

I-V Curves



Electrical Characteristics STC

	JC300M-24/Ags	JC305M-24/Ags	JC310M-24/Ags	JC315M-24/Ags
Maximum Power (Pmax)	300 W	305 W	310 W	315 W
Power Tolerance	0 ~ +5W	0 ~ +5W	0 ~ +5W	0 ~ +5W
Module Efficiency	15.36%	15.62%	15.88%	16.13%
Maximum Power Current (Imp)	8.20 A	8.31 A	8.38 A	8.45A
Maximum Power Voltage (Vmp)	36.6 V	36.6 V	37.0 V	37.3 V
Short Circuit Current (Isc)	8.69 A	8.73 A	8.80 A	8.88 A
Open Circuit Voltage (Voc)	44.8 V	44.9 V	45.0 V	45.1 V

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

Electrical Characteristics NOCT

	JC300M-24/Ags	JC305M-24/Ags	JC310M-24/Ags	JC315M-24/Ags
Maximum Power (Pmax)	222 W	226 W	230 W	234 W
Maximum Power Current (Imp)	6.67 A	6.72 A	6.80 A	6.88 A
Maximum Power Voltage (Vmp)	33.4 V	33.6 V	33.8 V	34.0 V
Short Circuit Current (Isc)	7.02 A	7.04 A	7.10 A	7.16 A
Open Circuit Voltage (Voc)	41.9 V	42.0 V	42.1 V	42.2 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	Virtus® II (Polycrystalline) , 72 (6x12) pcs in series
Superstructure	High Transmission, Low Iron & Semi-Tempered Glass (2.5 mm)
Substructure	Semi-Tempered Glass (2.5 mm)
Junction Box	IP67 rated, with bypass diodes
Dimension	*1968 x 992 x 6 mm (26 mm) for reference
Output Cable	4 mm ² (EU), 225 mm (+), 75mm (-)
Weight	28 kg
Frame & Installation Holes	N/A, Special Installation Structure

Characteristics

Temperature Coefficient of Voc	-0.30%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.40%/°C
Nominal Operating Cell Temperature (NOCT)	45°C±2°C

Packing Information

	20' GP	40' GP	40' HQ
Container			
Pallets per Container	5	11	22
Pieces per Container	150	330	660

Maximum Ratings

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

Rev No: JC/TDS/2015.01.30 *Contact ReneSola for tolerance specification.
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