ReneSola

Virtus®II

Virtus®II Module

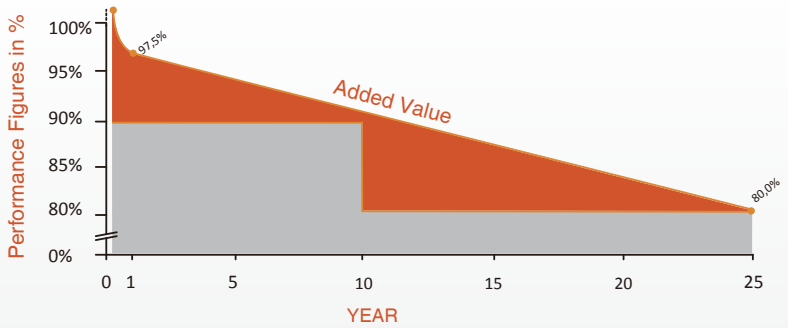
305W,310W, 315W, 320W

- **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, UL1703 PV Standards**
- **ISO9001, OHSAS18001, ISO14001 Certified**
- **Application Class A, Safety Class II, Fire Rating C**



Also Applicable for Module with Black Frame

Guarantee



10-year material & workmanship

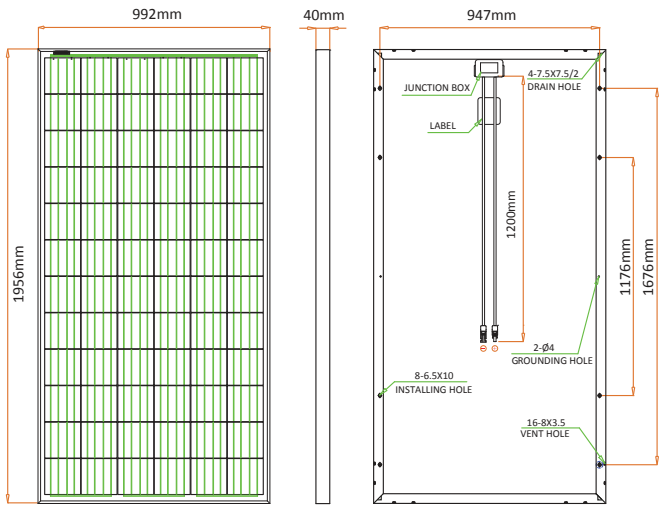
25-year linear power output

APPROVED PRODUCT

Virtus®II Module

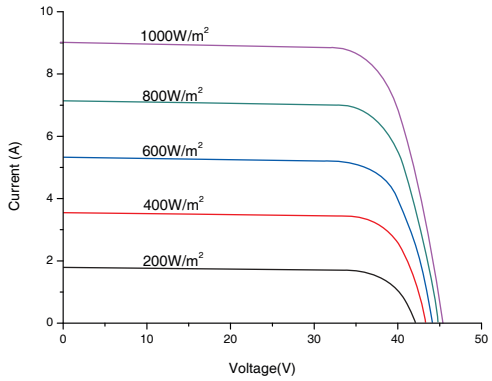
305W\310W\315W\320W

Dimensions



Drawing Only for Reference

I-V Curves



Electrical Characteristics STC	JC305M-24/Abs	JC310M-24/Abs	JC315M-24/Abs	JC320M-24/Abs
Maximum Power (Pmax)	305 W	310 W	315 W	320 W
Power Tolerance	0 ~ +5W	0 ~ +5W	0 ~ +5W	0 ~ +5W
Module Efficiency	15.7%	16.0%	16.2%	16.5%
Maximum Power Current (Imp)	8.33 A	8.38 A	8.45 A	8.56 A
Maximum Power Voltage (Vmp)	36.6 V	37.0 V	37.3 V	37.4 V
Short Circuit Current (Isc)	8.73 A	8.80 A	8.88 A	9.00 A
Open Circuit Voltage (Voc)	44.9 V	45.0 V	45.4 V	45.6 V

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

Electrical Characteristics NOCT	JC305 M-24/Abs	JC310M-24/Abs	JC315M-24/Abs	JC320M-24/Abs
Maximum Power (Pmax)	226 W	230 W	234 W	238 W
Maximum Power Current (Imp)	6.72 A	6.80 A	6.88 A	6.96 A
Maximum Power Voltage (Vmp)	33.6 V	33.8 V	34.0 V	34.2 V
Short Circuit Current (Isc)	7.04 A	7.10 A	7.16 A	7.26 A
Open Circuit Voltage (Voc)	42.0 V	42.1 V	42.5 V	42.7 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	Virtus II (Polycrystalline) 156 x156 mm, 72 (6x12) pcs in series
Glass	High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminum Alloy
Junction Box	IP65/IP67 Rated, With Bypass Diodes
Dimension	*1956 x 992 x 40 mm
Output Cable	4 mm² (EU)/12 AWG (US), 1200 mm
Weight	27 kg
Installation Hole Location	See Drawing Above

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

Container	20' GP	40' GP	40' HQ
Pallets per Container	10	24	24
Pieces per Container	250/260	600/624	660/684

Maximum Ratings

Operating Temperature	-40°C ~ +85°C
Maximum System Voltage	1000VDC (EU) / 1000VDC (US)
Maximum Series Fuse Rating	20A (EU) / 20A (US)

Rev No: JC/TDS/2015.01.20 *Contact Renesola for tolerance specification

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