ReneSola

Virtus®II

Virtus®II Module

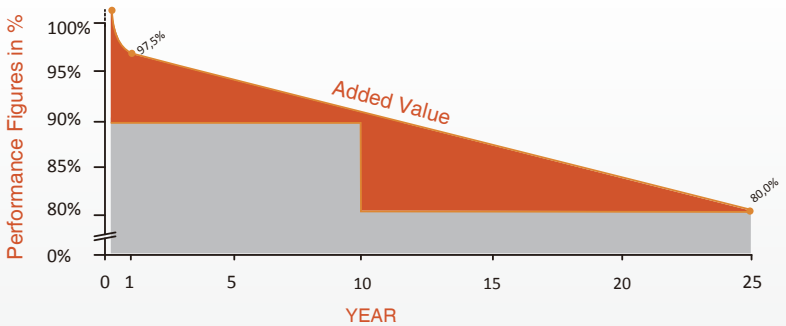
255W 260W 265W 270W

- **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**



Also Applicable for Module with Black Frame

Guarantee



10-year material & workmanship

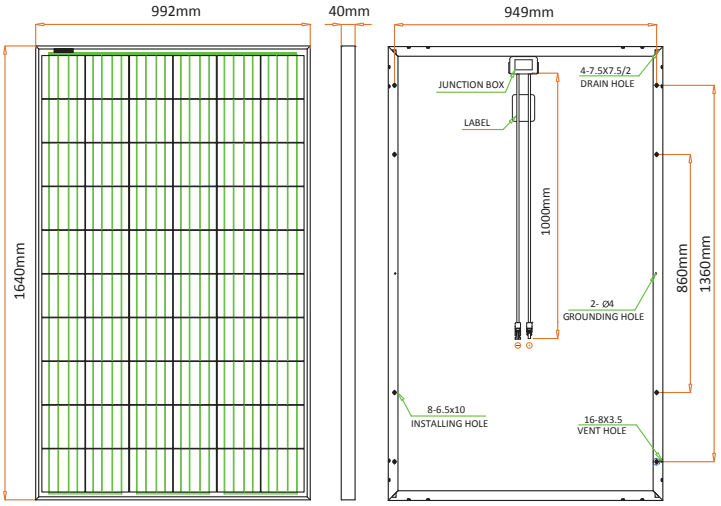
25-year linear power output

APPROVED PRODUCT

Virtus®II Module

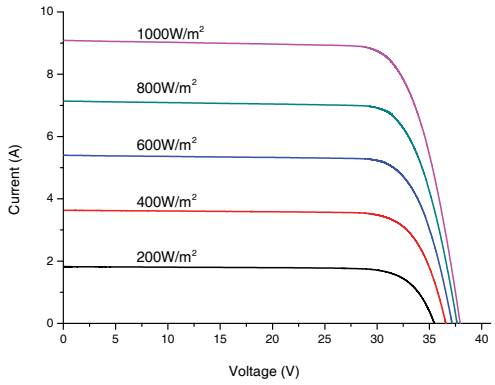
255W, 260W, 265W,270W

Dimensions



Drawing Only for Reference

I-V Curves



Electrical Characteristics STC	JC255M-24/Bbs	JC260M-24/Bbs	JC265M-24/Bbs	JC270M-24/Bbs
Maximum Power (Pmax)	255 W	260 W	265 W	270 W
Power Tolerance	0 ~ +5W	0 ~ +5W	0 ~ +5W	0 ~ +5W
Module Efficiency	15.7%	16.0%	16.3%	16.6%
Maximum Power Current (Imp)	8.39 A	8.53 A	8.66 A	8.71 A
Maximum Power Voltage (Vmp)	30.4 V	30.5 V	30.6 V	31.0 V
Short Circuit Current (Isc)	8.86 A	8.95 A	9.03 A	9.10 A
Open Circuit Voltage (Voc)	37.5 V	37.6 V	37.7 V	38.1 V

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

Electrical Characteristics NOCT	JC255M-24/Bbs	JC260M-24/Bbs	JC265M-24/Bbs	JC270M-24/Bbs
Maximum Power (Pmax)	189 W	193 W	196 W	200 W
Maximum Power Current (Imp)	6.63 A	6.74 A	6.84 A	6.87 A
Maximum Power Voltage (Vmp)	28.5 V	28.6 V	28.7 V	29.1 V
Short Circuit Current (Isc)	7.20 A	7.27 A	7.33 A	7.37 A
Open Circuit Voltage (Voc)	35.1 V	35.2 V	35.3 V	35.6 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, 60 (6x10) pcs in series
Glass	High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminum Alloy
Junction Box	IP65/IP67 Rated, With Bypass Diodes
Dimension	*1640 x 992 x 40 mm
Output Cable	4 mm² (EU)/12 AWG (US), 1000 mm
Weight	19 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	12	28	28
Pieces per Container	300/312	700/728	770/798

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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