

Virtus® II Module

250W, 255W, 260W, 265W



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**



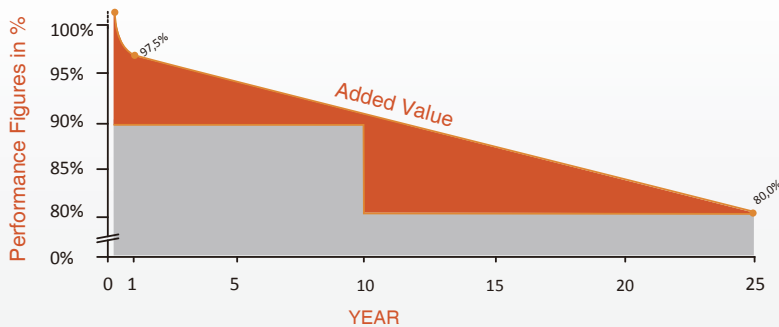
ISO9001, OHSAS18001, ISO14001 Certified



Application Class A, Safety Class II, Fire Rating C



Also Applicable For Module With Black Frame



10-year
material & workmanship

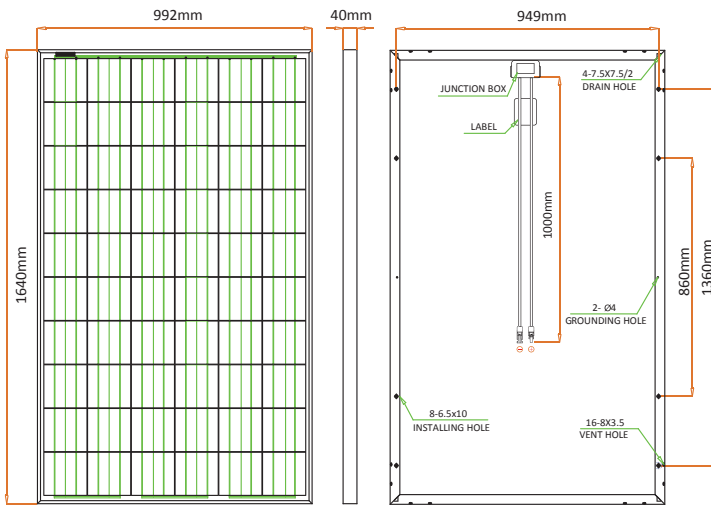
25-year
linear power output



APPROVED PRODUCT

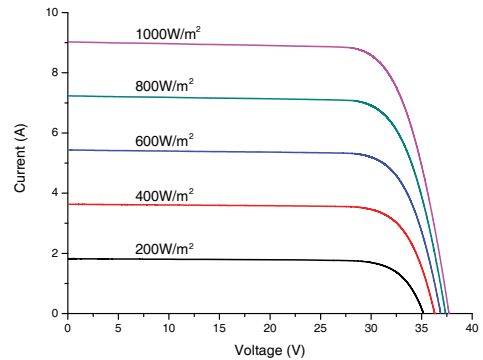


Dimensions



Drawing Only for Reference

I-V Curves



Varied Irradiation Efficiencies

Irradiance	200W/m ²	400W/m ²	600W/m ²	800W/m ²	1000W/m ²
Efficiency	16.1%	16.5%	16.5%	16.4%	16.3%

Electrical Characteristics STC

	JC250M-24/Bb	JC255M-24/Bb	JC260M-24/Bb	JC265M-24/Bb
Maximum Power (Pmax)	250 W	255 W	260 W	265 W
Power Tolerance	0 ~ +5W	0 ~ +5W	0 ~ +5W	0 ~ +5W
Module Efficiency	15.4%	15.7%	16.0%	16.3%
Maximum Power Current (Imp)	8.31 A	8.39 A	8.53 A	8.66 A
Maximum Power Voltage (Vmp)	30.1 V	30.4 V	30.5 V	30.6 V
Short Circuit Current (Isc)	8.83 A	8.86 A	8.95 A	9.03 A
Open Circuit Voltage (Voc)	37.4 V	37.5 V	37.6 V	37.7 V

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

Electrical Characteristics NOCT

	JC250M-24/Bb	JC255M-24/Bb	JC260M-24/Bb	JC265M-24/Bb
Maximum Power (Pmax)	185 W	189 W	193 W	196 W
Maximum Power Current (Imp)	6.57 A	6.63 A	6.74 A	6.84 A
Maximum Power Voltage (Vmp)	28.2 V	28.5 V	28.6 V	28.7 V
Short Circuit Current (Isc)	7.12 A	7.20 A	7.27 A	7.33 A
Open Circuit Voltage (Voc)	35.0 V	35.1 V	35.2 V	35.3 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	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 mm ² (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

	20' GP	40' GP	40' HQ
Container			
Pallets per Container	12	28	28
Pieces per Container	300	700	770

Rev No: JC/TDS/2015.02 *Contact Renesola for tolerance specification
CAUTION: All rights reserved. Design and specification are subject to change without prior notice.

Maximum Ratings

Operating Temperature	-40°C ~ +85°C
Maximum System Voltage	1000VDC (EU) / 600VDC (US)
Maximum Series Fuse Rating	20A (EU) / 20A (US)