

## Virtus<sup>®</sup> II Module

255W 260W 265W 270W



Efficiency

**High Module Conversion Efficiencies**



easy & quick

**Easy Installation and Handling for Various Applications**



- 2400Pa -  
- 5400Pa -

**Mechanical Load Capability of up to 5400 Pa**



IEC & UL

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



Certification

**ISO9001, OHSAS18001, ISO14001 Certified**

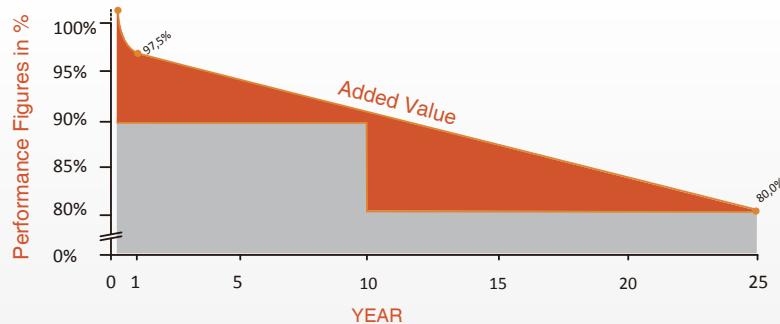


Safety & Fire

**Application Class A, Safety Class II, Fire Rating C**



Also Applicable for Module with Black Frame



**10-year**

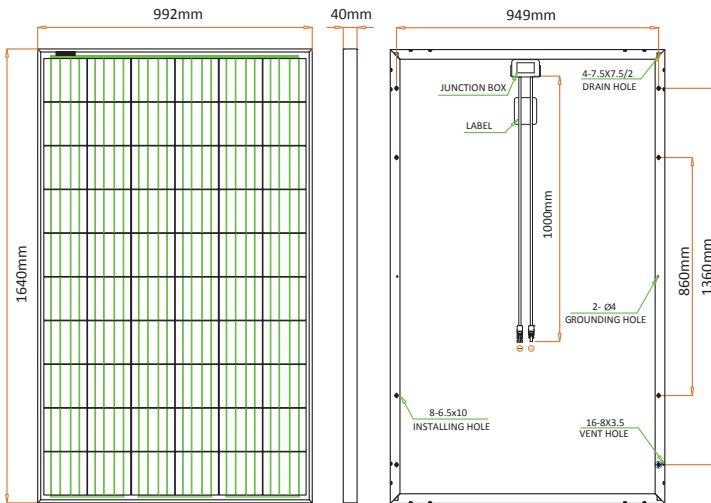
material & workmanship

**25-year**

linear power output

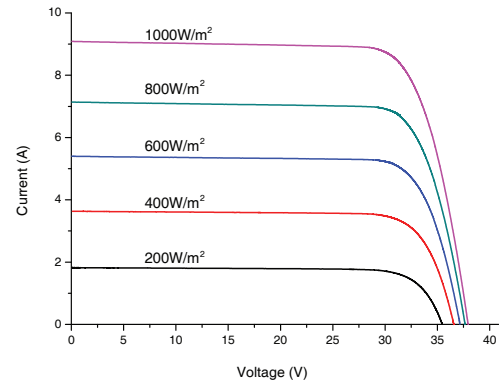


#### Dimensions



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

	20' GP	40' GP	40' HQ
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  
CAUTION: All rights reserved. Design and specification are subject to change without prior notice.