

Virtus[®] II Module

260W, 265W, 270W



High Module Conversion Efficiencies



Easy Installation and Handling for Various Applications



Mechanical Load Capability of up to 5400 Pa



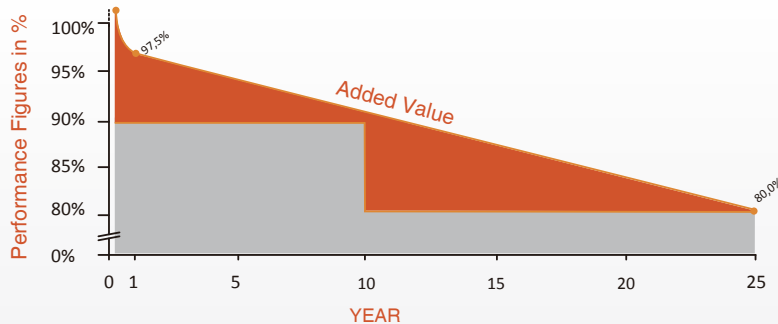
**Conforms with IEC 61215:2005,
IEC 61730: 2004, UL 1703 PV Standards**



ISO9001, OHSAS18001, ISO14001 Certified



Application Class A, Safety Class II, Fire Rating C

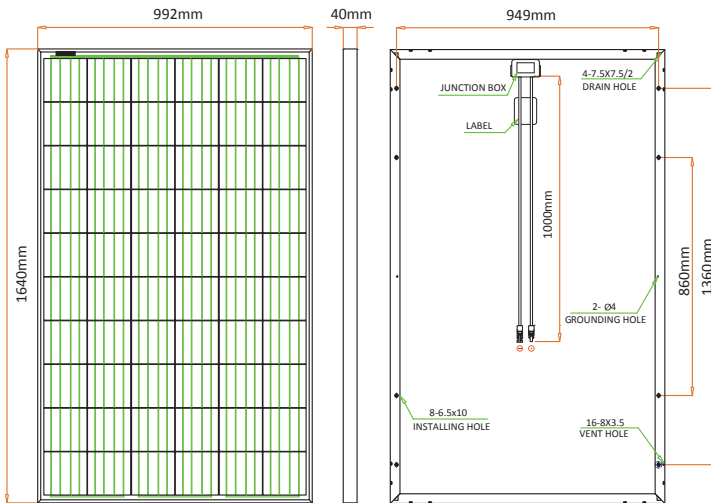


10-year
material & workmanship

25-year
linear power output

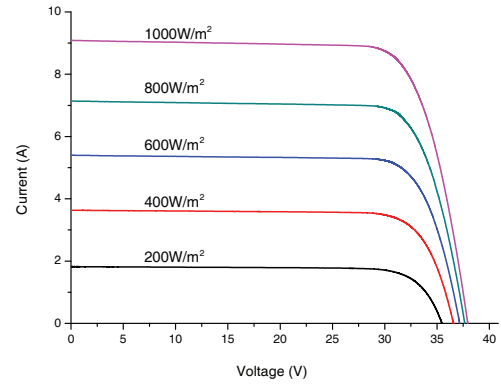


Dimensions



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	16.2%	16.7%	16.8%	16.7%	16.6%

Electrical Characteristics STC

Maximum Power (P_{max})
 Power Tolerance
 Module Efficiency
 Maximum Power Current (I_{mp})
 Maximum Power Voltage (V_{mp})
 Short Circuit Current (I_{sc})
 Open Circuit Voltage (V_{oc})

JC260M-24/Bbs

260 W
 0 ~ +5W
 16.0%
 8.53 A
 30.5 V
 8.95 A
 37.6 V

JC265M-24/Bbs

265 W
 0 ~ +5W
 16.3%
 8.66 A
 30.6 V
 9.03 A
 37.7 V

JC270M-24/Bbs

270 W
 0 ~ +5W
 16.6%
 8.71 A
 31.0 V
 9.10 A
 38.1 V

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

Electrical Characteristics NOCT

Maximum Power (P_{max})
 Maximum Power Current (I_{mp})
 Maximum Power Voltage (V_{mp})
 Short Circuit Current (I_{sc})
 Open Circuit Voltage (V_{oc})

JC260M-24/Bbs

193 W
 6.74 A
 28.6 V
 7.27 A
 35.2 V

JC265M-24/Bbs

196 W
 6.84 A
 28.7 V
 7.33 A
 35.3 V

JC270M-24/Bbs

200 W
 6.87 A
 29.1 V
 7.37 A
 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 mm ² (EU)/12 AWG (US), 1000 mm
Weight	19 kg
Installation Hole Location	See Drawing Above

Characteristics

Temperature Coefficient of V _{oc}	-0.30%/°C
Temperature Coefficient of I _{sc}	0.04%/°C
Temperature Coefficient of P _{max}	-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	700	770

Rev No: JC/TDS/2015.01.20 *Contact ReneSola for tolerance specification
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Maximum Ratings

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