

Virtus[®] II Module

265W/270W/275W/280W/285W



High Module Conversion Efficiencies



Easy Installation and Handling for Various Applications



Mechanical Load Capability up to 5400 Pa



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



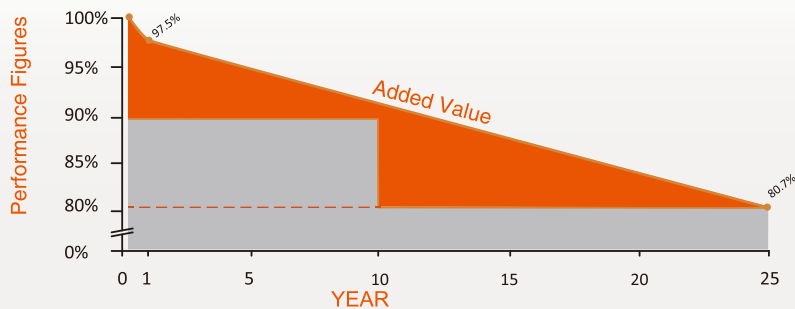
ISO9001, ISO14001, OHSAS18001 Certified



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



Also Applicable For Modules With Black Frame
and Diamond Wire Slicing Wafer

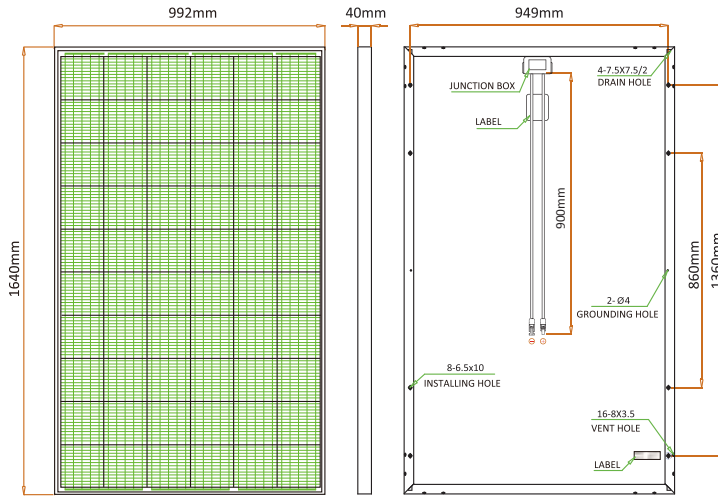


10 -year
material & workmanship

25 -year
linear power output

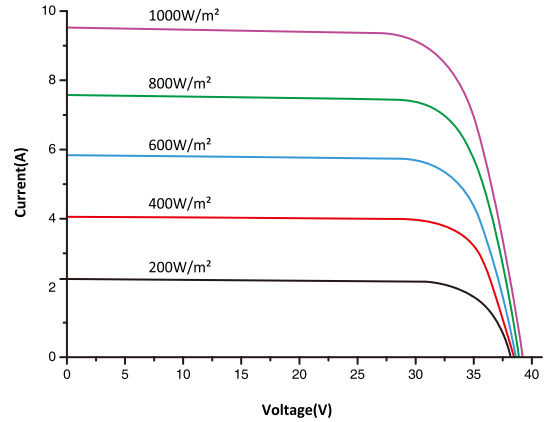


Mounting Drawings



Drawing Only For Reference

I-V Curves



Electrical Characteristics STC

Electrical Characteristics STC	JC265M-24/Bbw	JC270M-24/Bbw	JC275M-24/Bbw	JC280M-24/Bbw	JC285M-24/Bbw
Maximum Power(Pmax)	265W	270W	275W	280W	285W
Power Tolerance	0 ~+5W	0 ~+5W	0 ~+5W	0 ~+5W	0 ~+5W
Module Efficiency	16.29%	16.60%	16.90%	17.21%	17.52%
Maximum Power Current(Imp)	8.64A	8.71A	8.80A	8.89A	8.97A
Maximum Power Voltage(Vmp)	30.7V	31.0V	31.3V	31.5V	31.8V
Short Circuit Current(Isc)	9.14A	9.18A	9.21A	9.26A	9.31A
Open Circuit Voltage(Voc)	38.2V	38.3V	38.5V	38.8V	39.1V

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

Electrical Characteristics NOCT

Electrical Characteristics NOCT	JC265M-24/Bbw	JC270M-24/Bbw	JC275M-24/Bbw	JC280M-24/Bbw	JC285M-24/Bbw
Maximum Power (Pmax)	196W	200W	204W	207W	211W
Maximum Power Current (Imp)	6.88A	6.98A	7.09A	7.15A	7.23A
Maximum Power Voltage (Vmp)	28.5V	28.7V	28.8V	29.0V	29.2V
Short Circuit Current (Isc)	7.36A	7.40A	7.55A	7.62A	7.67A
Open Circuit Voltage (Voc)	35.5V	35.7V	35.8V	36.2V	36.3V

Value 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) 156x156 (±1)mm, 60(6x10) pcs in series
Glass	High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminum Alloy
Junction Box	IP67/IP68 Rated
Dimension	*1640x992x40 mm
Output Cable	4 mm ² (EU)/12 AWG(US), 900mm
Weight	19kg
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	312/300	728/700	798/770

Rev No : JC/TDS/201705 * Contact Renesola for more product information.
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
Maximum Series Fuse Rating	20A