

## Virtus<sup>®</sup> II Module

325W/330W/335W/340W/345W



**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**



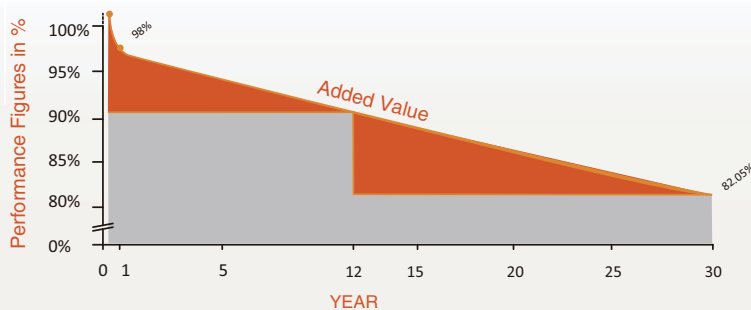
**ISO9001, ISO14001, OHSAS18001 Certified**



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



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

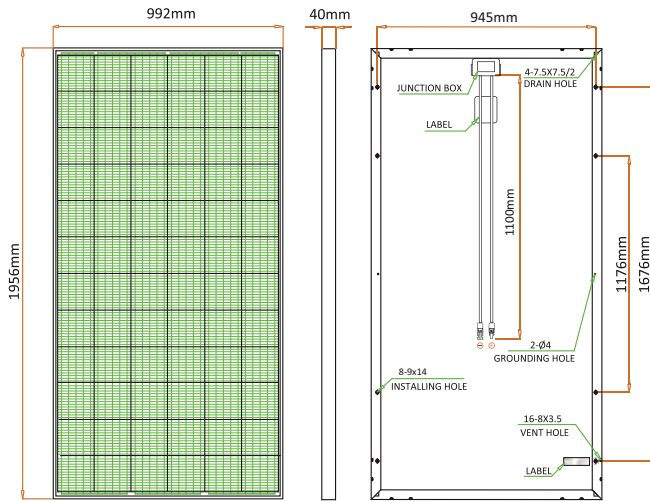


**12-year**  
Material & Workmanship

**30-year**  
Linear Power Output

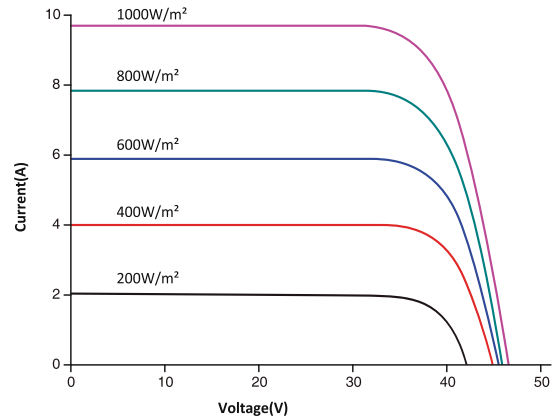


#### Mounting Drawings



Drawing Only For Reference

#### I-V Curves



#### Electrical Characteristics STC

	JC325M-24/Abpw	JC330M-24/Abpw	JC335M-24/Abpw	JC340M-24/Abpw	JC345M-24/Abpw
Maximum Power(Pmax)	325W	330W	335W	340W	345W
Power Tolerance	0 ~+5W	0 ~+5W	0 ~+5W	0 ~+5W	0 ~+5W
Module Efficiency	16.75%	17.01%	17.26%	17.52%	17.78%
Maximum Power Current(Imp)	8.65A	8.74A	8.84A	8.91A	9.01A
Maximum Power Voltage(Vmp)	37.6V	37.8V	38.0V	38.2V	38.3V
Short Circuit Current(Isc)	9.16A	9.24A	9.32A	9.37A	9.45A
Open Circuit Voltage(Voc)	45.9V	46.2V	46.4V	46.5V	46.7V

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

#### Electrical Characteristics NOCT

	JC325M-24/Abpw	JC330M-24/Abpw	JC335M-24/Abpw	JC340M-24/Abpw	JC345M-24/Abpw
Maximum Power (Pmax)	241W	244W	247W	253W	256W
Maximum Power Current (Imp)	7.03A	7.10A	7.18A	7.20A	7.27A
Maximum Power Voltage (Vmp)	34.4V	34.4V	34.6V	35.2V	35.3V
Short Circuit Current (Isc)	7.50A	7.57A	7.64A	7.61A	7.66A
Open Circuit Voltage (Voc)	42.9V	43.0V	43.2V	43.6V	43.8V

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)157 x157 (±1) mm,72(6x12) pcs in series
Glass	High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminum Alloy
Junction Box	IP68 Rated , With Bypass Diodes
Dimension	*1956x992x40 mm
Output Cable	4 mm²(EU)/12 AWG(US),
Weight	22 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	10	24	24
Pieces per Container	270	648	708

#### Maximum Ratings

Operating Temperature	-40°C~+ 85°C
Maximum System Voltage	1500VDC
Maximum Series Fuse Rating	20A