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EnergyPal

Solar Panel Guide Specification Data Sheet

**ReneSola Ltd.
Virtus II Poly 325-345
JC345M-24/Bbw**

Also available on the web at
EnergyPal.com/renesola-ltd-solar-panels/jc345m-24-bbw

Virtus® 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**



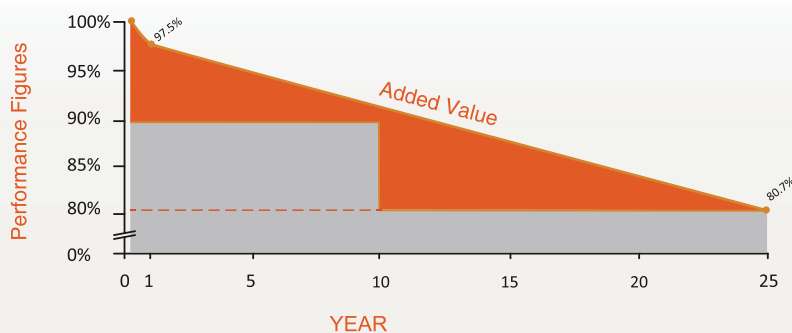
ISO9001, ISO14001, OHSAS18001 Certified



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



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

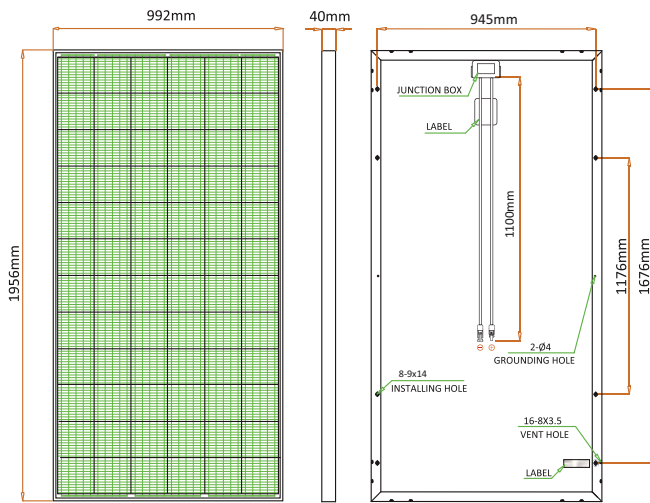


10 - year
material & workmanship

25 - year
linear power output

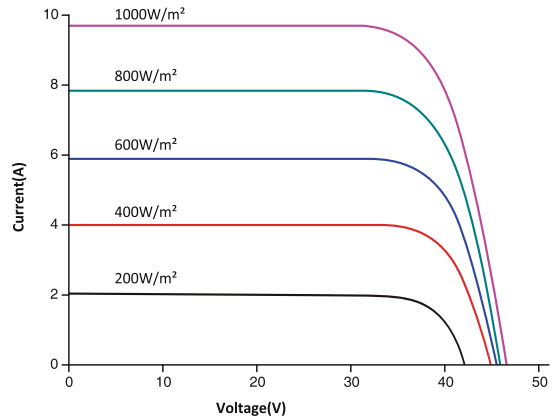


Mounting Drawings



Drawing Only For Reference

I-V Curves



Electrical Characteristics STC

	JC325M-24/Abw	JC330M-24/Abw	JC335M-24/Abw	JC340M-24/Abw	JC345M-24/Abw
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/Abw	JC330M-24/Abw	JC335M-24/Abw	JC340M-24/Abw	JC345M-24/Abw
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)157x157 (±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	23 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	10	24	24
Pieces per Container	270	648	708

Maximum Ratings

Operating Temperature	-40°C~+ 85°C
Maximum System Voltage	1000VDC
Maximum Series Fuse Rating	20A

Virtus[®] II Module

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



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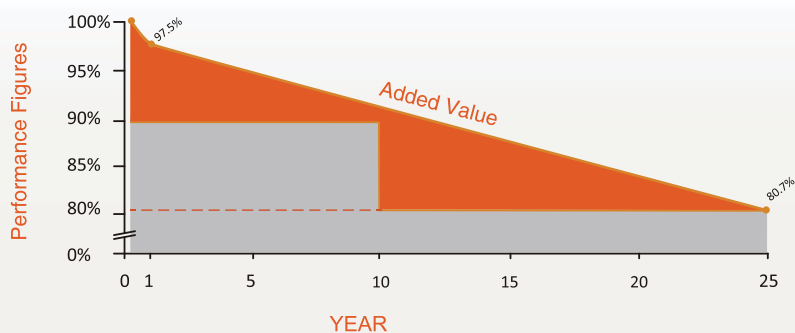
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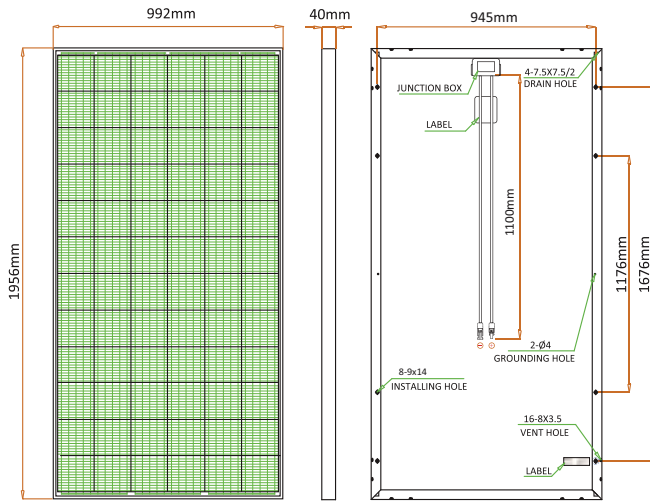


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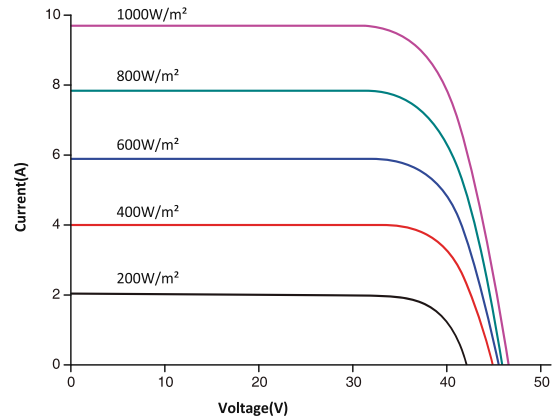


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Temperature Coefficient of Isc	0.04% /°C
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	20' GP	40' GP	40' HQ
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Pallets per Container	10	24	24
Pieces per Container	270	648	708

Maximum Ratings

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