

**For a Free Quote:**

**Web: [EnergyPal.com/solar](http://EnergyPal.com/solar)**

**Call: 1-800-990-3725**

**Email: [contact@energypal.com](mailto:contact@energypal.com)**

# **EnergyPal**

## **Solar Panel Guide Specification Data Sheet**

**ReneSola Ltd.  
DG Virtus II Poly 320-340  
JC335M-24/Agw**

Also available on the web at  
[EnergyPal.com/renesola-ltd-solar-panels/jc335m-24-agw](http://EnergyPal.com/renesola-ltd-solar-panels/jc335m-24-agw)

## Double Glass Module

320W/325W/330W/335W/340W



**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 PV Standards**

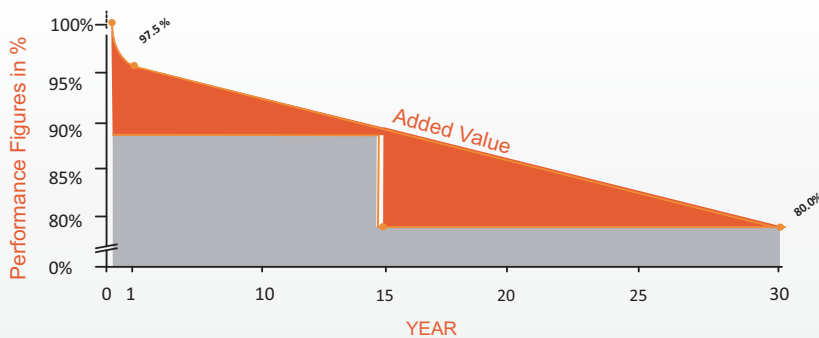


**ISO9001, OHSAS18001, ISO14001 Certified**



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

**1500V**

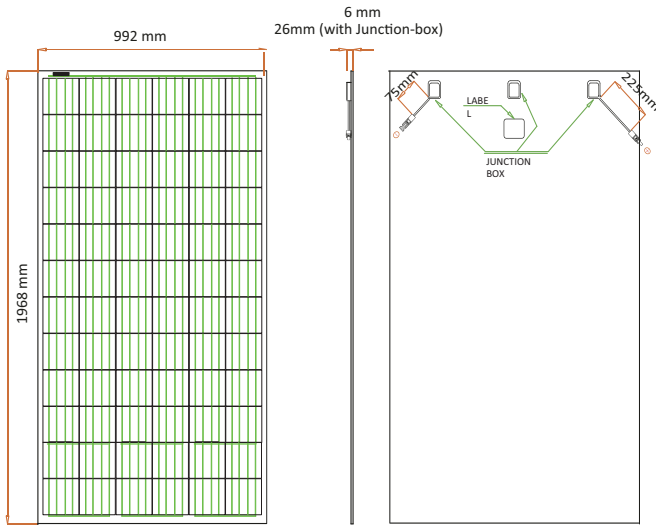


**10-year**  
material & workmanship

**30-year**  
linear power output

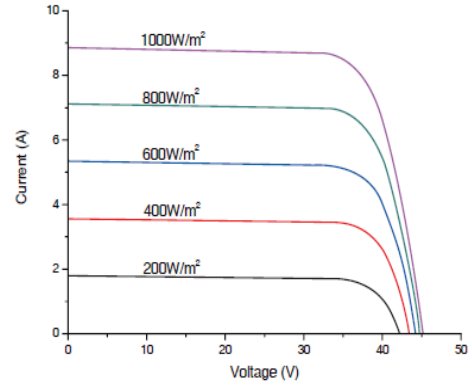


#### Dimensions



Drawing Only for Reference

#### I-V Curves



#### Electrical Characteristics STC

	JC320M-24/Agw	JC325M-24/Agw	JC330M-24/Agw	JC335M-24/Agw	JC340M-24/Agw
Maximum Power (Pmax)	320 W	325 W	330 W	335 W	340 W
Power Tolerance	0 ~ +5W	0 ~ +5W	0 ~ +5W	0 ~ +5W	0 ~ +5W
Module Efficiency	16.39%	16.65%	16.90%	17.16%	17.42%
Maximum Power Current (Imp)	8.56 A	8.65 A	8.74 A	8.84 A	8.91 A
Maximum Power Voltage (Vmp)	37.4 V	37.6 V	37.8 V	38.0 V	38.2 V
Short Circuit Current (Isc)	9.10 A	9.16 A	9.24 A	9.32 A	9.37 A
Open Circuit Voltage (Voc)	45.6 V	45.9 V	46.4 V	46.4 V	46.5 V

Values at Standard Test Conditions STC (AM1.5, Irradiance of 1000W/m<sup>2</sup>, Cell Temperature 25°C)

#### Electrical Characteristics NOCT

	JC320M-24/Agw	JC325M-24/Agw	JC330M-24/Agw	JC335M-24/Agw	JC340M-24/Agw
Maximum Power (Pmax)	238 W	241 W	244 W	247 W	253 W
Maximum Power Current (Imp)	6.95 A	7.03 A	7.10 A	7.18 A	7.20 A
Maximum Power Voltage (Vmp)	34.3 V	34.4 V	34.4 V	34.6 V	35.2 V
Short Circuit Current (Isc)	7.30 A	7.50 A	7.57 A	7.64 A	7.61 A
Open Circuit Voltage (Voc)	42.7 V	42.9 V	43.0 V	43.2 V	43.6 V

Values at Normal Operating Cell Temperature, Irradiance of 800W/m<sup>2</sup>, 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
Superstructure	High Transmission, Low Iron & Semi-Tempered Glass (2.5 mm)
Substructure	Semi-Tempered Glass (2.5 mm)
Junction Box	IP68 Rated , With Bypass Diodes
Dimension	*1968 x 992 x 6 mm (26 mm) for reference
Output Cable	4 mm <sup>2</sup> (EU), 225 mm (+), 75mm (-)
Weight	28 kg
Frame & Installation Holes	N/A, Special Installation Structure

#### 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	5	11	22
Pieces per Container	150	330	660

#### Maximum Ratings

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