

Virtus II[®] 260W-270W

Polycrystalline Module

PID-Free

4 BUS BAR

10 YEAR
PRODUCT WARRANTY

25 YEAR
LINEAR POWER OUTPUT



Rene-Controlled
Nucleation Process

Renesola's unique ingot casting process that produces an ultra-uniform grain size, distribution, and crystal orientation



P.I.D. FREE

Premium silicon wafers, EVA encapsulants, low-iron tempered glass eliminate **Potential Induced Degradation**, ensuring a longer performing module.



VERTICALLY INTEGRATED, QUALITY CONTROL (QC)

Intense QC is conducted throughout the vertically integrated manufacturing process. **23 QC tests** from ingot casting to the final packaging.



LOW LIGHT CONDITIONS

Mornings, evenings, even on cloudy days; ReneSola modules perform higher giving the user an **improved performance**.



4 BUS BAR

Electrons move more efficiently with the availability of an additional bus bar, increasing the efficiency of the solar cell.



LOWER L.I.D.

Our modules lower the oxidation process when the cells are first exposed to light, thereby lowering the initial **Light Induced Degradation**.



Photon (Germany) is a global assessor on all photovoltaic products. ReneSola Virtus - **Top Performer** in a 2012 Field Test



Accelios Solar (Germany), a 3rd party PV manufacturing audit firm, who certifies ReneSola as **Tier 1 & Bankable** with a score of 91%.

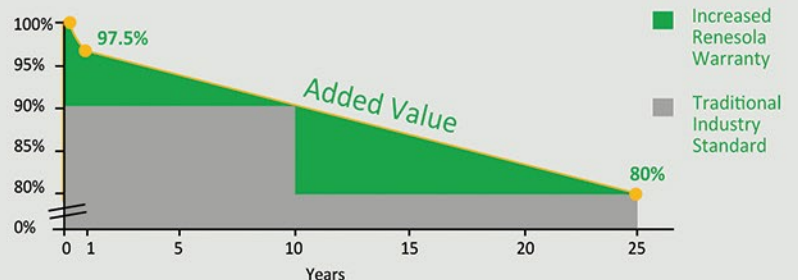


Bloomberg reiterates ReneSola's standing PV ranking as **Tier 1**. BNEF's tiering system is based on bankability, further illustrating ReneSola's financial calibre.



Canadian Standards Association Group certifies ReneSola for **High Standards** in safety, sustainability, and performance. Under this program ReneSola quality testing and calibration conform to International Standards.

25 YEAR WARRANTY



www.au.renesola.com

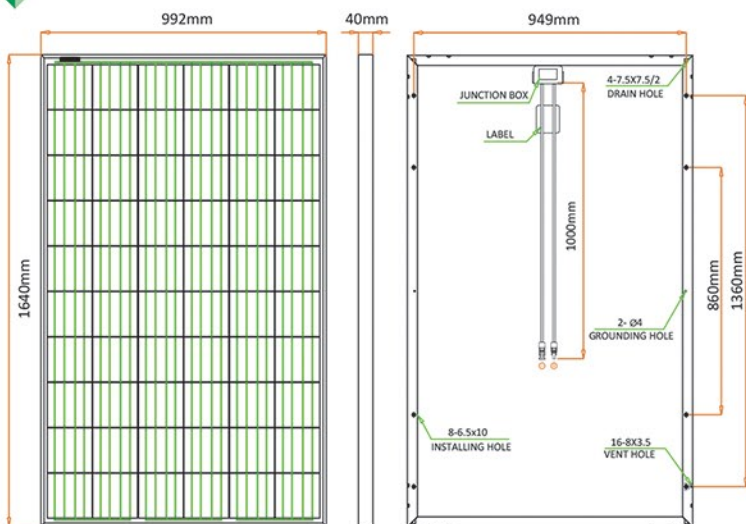
ReneSola
1300 700 788

Virtus II[®]

Polycrystalline Module

260W-270W

Dimensions



Drawing Only for Reference



Applications



Electrical Characteristics

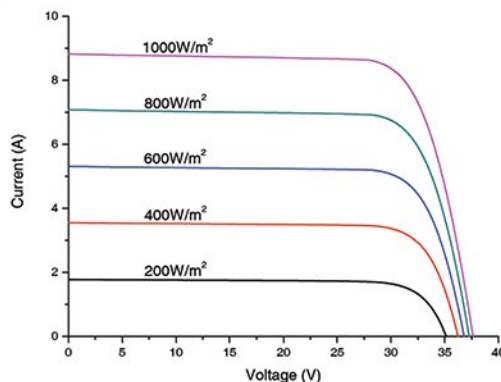
Electrical Characteristics STC	JC260M-24/Bbs	JC265M-24/Bbs	JC270M-24/Bbs
Maximum Power (Pmax)	260 W	265 W	270 W
Power Tolerance	0 ~ +5 W	0 ~ +5 W	0 ~ +5 W
Module Efficiency	16.0%	16.3%	16.6%
Maximum Power Current (Imp)	8.53 A	8.66 A	8.71 A
Maximum Power Voltage (Vmp)	30.5 V	30.6 V	31.0 V
Short Circuit Current (Isc)	8.95 A	9.03 A	9.10 A
Open Circuit Voltage (Voc)	37.6 V	37.7 V	38.1 V

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

Electrical Characteristics NOCT	JC260M-24/Bbs	JC265M-24/Bbs	JC270M-24/Bbs
Maximum Power (Pmax)	193 W	196 W	200 W
Maximum Power Current (Imp)	6.74 A	6.84 A	6.87 A
Maximum Power Voltage (Vmp)	28.6 V	28.7 V	29.1 V
Short Circuit Current (Isc)	7.27 A	7.33 A	7.37 A
Open Circuit Voltage (Voc)	35.2 V	35.3 V	35.6 V

Values at Normal Operating Cell Temperature, Irradiance of 800W/m², AM 1.5, ambient temperature 20°C, Wind Speed 1m/s.

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%

General Characteristics

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 of 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
Maximum Ratings	
Operating Temperature	-40°C ~ +85°C
Maximum System Voltage	1000VDC (EU) / 600VDC (US)
Maximum Series Fuse Rating	20A (EU) / 20A (US)
Hail Safety Impact Velocity	23m/s (25mm, 7.5gms)

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/2015.12

*Contact ReneSola for tolerance specification
CAUTION:

All rights reserved Design and specification are subject to change without prior notice



ReneSola Partner:

Contact Person:

Tel: