

SOLAR PANELS

ReneSola VIRTUS PLUS 250W

ReneSola

VIRTUS PLUS (250W) Silver Frame

Solar Australia is proud to present a high quality product at an effective price point. ReneSola panels have a high conversion efficiency based on solid photovoltaic technologies. They have high reliability with guaranteed +5 to +10W power output. The panels withstand high wind-pressure, high resistance to hail impact and extreme temperature variations.

Virtus[®]plus

The manufacturing process meets the international standard safety requirements for high voltage operation; reliable with 3 bypass diodes to prevent overheating (i.e. hot spot effect) and to minimize power loss by shading.

They also have a pre-wired weatherproof junction box equipped with connectors.



25 YEAR
WARRANTY

These key features are what set it apart!

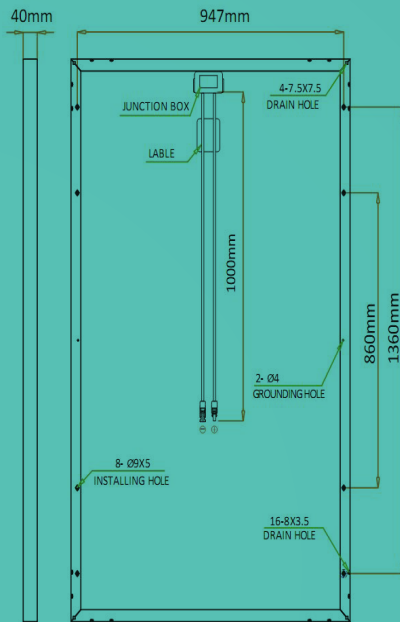
1. High Module conversion Efficiency of 15.4%
2. 10 years product warranty
3. Guaranteed 250w nominal PM after LID
4. 10 years 92% of the minimal rated power output.
5. 25 years 82% of the minimal rated power output.
6. 3 bypass diodes built into each panel
7. Tested and certified against salt corrosion to prevent damage in coastal areas throughout Australia
8. Tested and certified against ammonia corrosion to prevent damage in farming areas throughout Australia



CONTACT US

9 Friesian Close, Sandgate NSW 2304
Wholesale enquires: 1300 027 077
www.solarauswholesale.com.au

DIMENSIONS



JC250M-24/Bb 250w Virtus II



Panel Installation

MODULE CHARACTERISTICS

Maximum Power (W)	250
Tolerance (%)	5 to +10W Guaranteed
Open Circuit Voltage (V)	37.40
Short Circuit Current (A)	8.83
Maximum Power Voltage (V)	30.10
Maximum Power Current (A)	8.31
Series Fuse Rating (A)	20
Maximum System Voltage (V)	DC1000
Operating Temperature (°C)	-40/+85

Electrical Parameters

Electrical performance with typical performance characteristics.

Temperature Coefficient of Isc (%/ °C)	0.04
Temperature Coefficient of Voc (%/ °C)	-0.30
Temperature Coefficient of Power (%/ °C)	-0.40

Mechanical Parameters

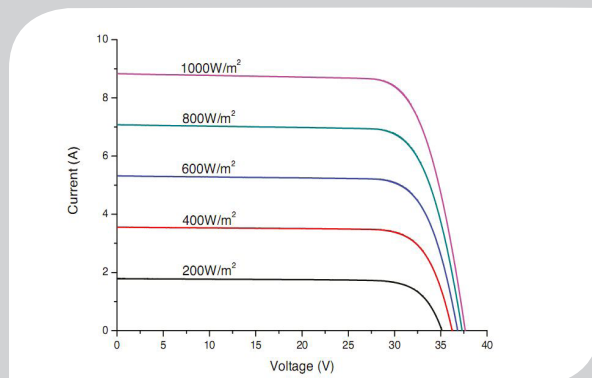
Cell (mm)	Poly 156x156
No. of cells	60 (10x6)
Weight (kg)	19
Dimensions (mm)	1640x992x40mm
No. of Diodes	3
Junction Box	IP65 Rated
Certificates	TUV/IEC61215, IEC61730:2004, UL1703

Applications

On-grid and off-grid, residential systems, street and camp lights, remote areas, medical facilities, traffic signals, battery charging, water purification systems.

I-V Curve

Output under different irradiation and the correlation between Isc/Voc/Pmax and temperature map.



Varied Irradiation Efficiencies

Irradiance	200W/m ²	400W/m ²	600W/m ²	800W/m ²	1000W/m ²
Efficiency	15.8%	16.2%	16.2%	16.1%	16.0%

