

# ReneSola

## Virtus<sup>®</sup> II Module

240VV, 24SVV 2S0VV, 2SSVV, 260VV



High Module Conversion Efficiencies



Easy Installation and Handling for Various Applications



Mechanical Load Capability of up to 5400 Pa



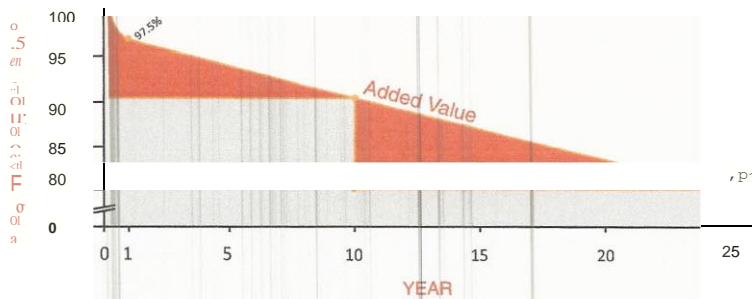
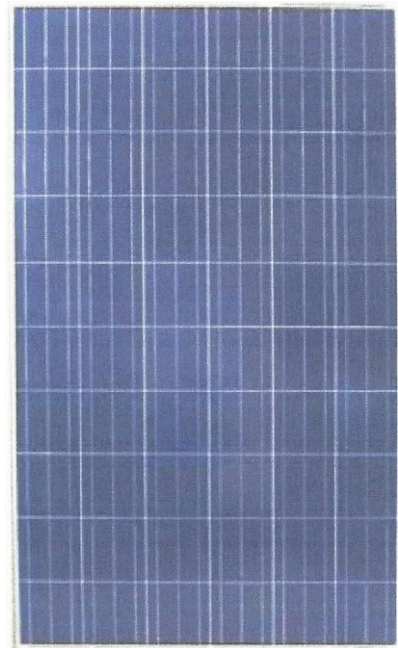
Conforms with IEC 61215:2005,  
IEC 61730: 2004, UL 1703 PV Standards



1509001, OH5A518001, 15014001 Certified

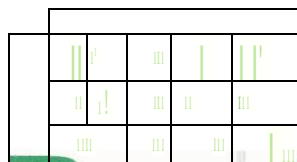


Application Class A, Safety Class 11, Fire Rating C



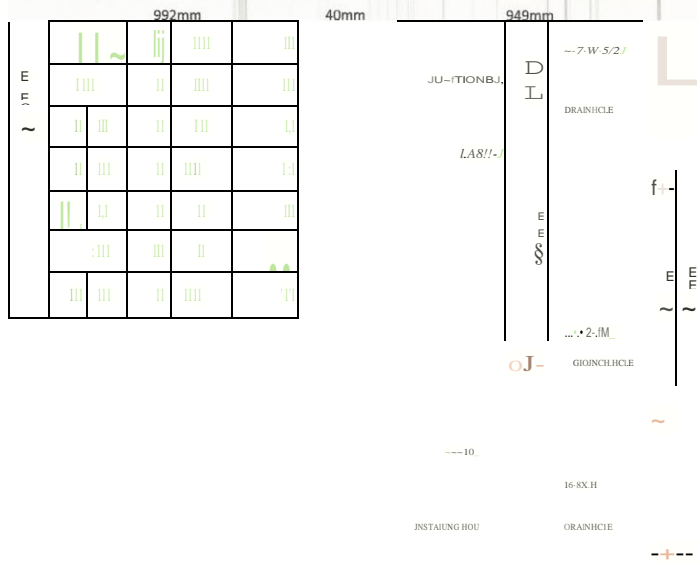
W-year  
 ~» material & «~  
 ~ workmanship  
 @;-yea  
 ~ linear power ~  
 ~ output ~





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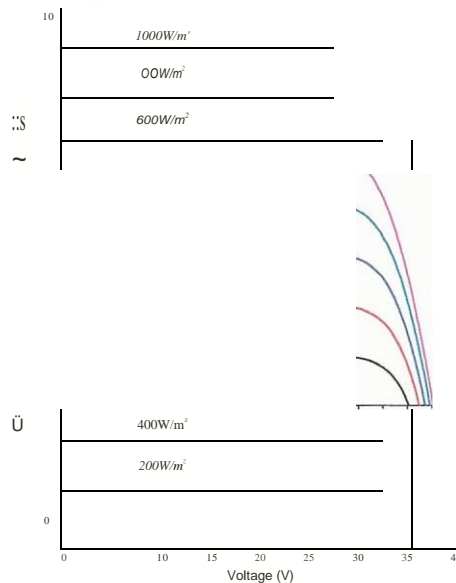
## Dimensions



Drawing Only for Reference

## Module

### I-V Curves



### Varied Irradiation Efficiencies

Irradiance	200W/m <sup>2</sup>	400W/m <sup>2</sup>	600W/m <sup>2</sup>	800W/m <sup>2</sup>	1000W/m <sup>2</sup>
Efficiency	15.8	16.2	16.2	16.1	16.0

Electrical Characteristics STC	JC240M-24/Bb	JC245M-24/3b	JC250M-24/Bb	JC255M-24/Bb	JC260M-24/Bb
Maximum Power (pmax)	240W	245W	250W	255W	260W
Power Tolerance	0+5W	0+5W	0+5W	0+5W	0+5W
Module Efficiency	14.8	15.1	15.4	15.7	16.0
Maximum Power Current (Imp)	8.08 A	8.19A	8.31A	8.39A	8.53A
Maximum Power Voltage (Vmp)	29.7 V	29.9 V	30.1 V	30.4V	30.5V
Short Circuit Current (Isc)	8.64 A	8.73 A	8.83 A	8.86 A	8.95A
Open Circuit Voltage (Voc)	37.2 V	37.3 V	37.4V	37.5 V	37.6 V

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

Electrical Characteristics NOCT	JC240M-24/Bb	JC245M-24/Bb	JC250M-24/Bb	JC255M-24/Bb	JC260M-24/Bb
Maximum Power (Pmax)	178W	182W	185W	188W	193W
Maximum Power Current (Imp)	6.51A	6.53 A	6.57 A	6.63 A	6.74 A

156 x 156 mm Polycrystalline, 60 (6x10) pcs in series

Maximum Power Voltage (Vmp)	27.4 V	27.9V	28.2V	28.5V	28.6 V
Short Circuit Current (Isc)	6.97 A	7.04 A	7.12A	7.20A	7.27 A
Open Circuit Voltage (Voc)	34.7 V	35.0V	35.0 V	35.1 V	35.2V

values at Normal Operating Cell Temperature, Irradiance of 800 W/m<sup>2</sup>, spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s

### Mechanical Characteristics

High Transmission, Low Iron, Tempered Glass

#### Cell I Type

Anodized Aluminum Alloy  
IP65/IP67 rated, with bypass diodes

#### Glass

\*1640 x 992 x 40 mm

#### Frame

#### Junction Box

#### Dimension

#### Output Cable

4 mm<sup>2</sup> (EU)/12 AWG (US), 1000 mm

#### Weight

18.5 Kg

#### Installation Hole Location

See Drawing Above

### Packing Information

	20' GP	40' GP	40' HQ
Container	20' GP	40' GP	28
Pallets per Container	12	28	770
Pieces per Container	300	700	

### 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)

40°C ~ 48°C

### Maximum Ratings

Operating Temperature	1000VDC (EU) / 600VDC (US)
Maximum System Voltage	20A (EU) / 20A (US)
Maximum Series Fuse Rating	