

ReneSola

156 Series Polycrystalline
Solar Module

240W, 245W, 250W



High Module Conversion Efficiency



Easy Installation and Handling



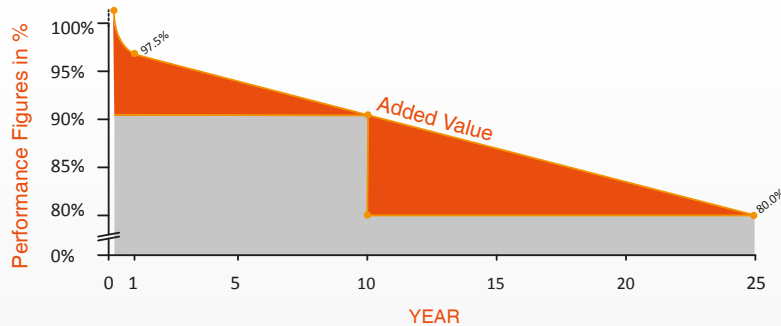
Withstanding Mechanical Load up to 5400 Pa



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



ISO9001, OHSAS18001, ISO14001



10-year
material & workmanship

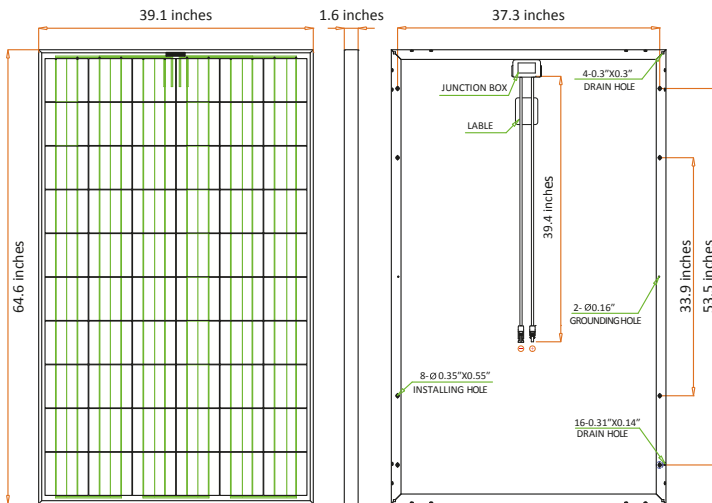
25-year
linear power output



APPROVED PRODUCT

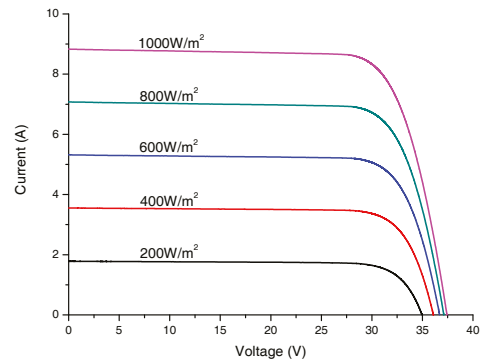


Dimension



Drawing Only for Reference

I-V Curves



Efficiency at Varied Irradiation

Irradiance	200W/m ²	400W/m ²	600W/m ²	800W/m ²	1000W/m ²
Efficiency	15.1%	15.4%	15.5%	15.5%	15.4%

Electrical Characteristics STC

	JC240M-24/Bb-b	JC245M-24/Bb-b	JC250M-24/Bb-b
Maximum Power (Pmax)	240 W	245 W	250 W
Power Tolerance	0 - +5W	0 - +5W	0 - +5W
Module Efficiency	14.8%	15.1%	15.4%
Maximum Power Current (Imp)	8.08 A	8.19 A	8.31 A
Maximum Power Voltage (Vmp)	29.7 V	29.9 V	30.1 V
Short Circuit Current (Isc)	8.64 A	8.73 A	8.83 A
Open Circuit Voltage (Voc)	37.2 V	37.3 V	37.4 V

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

Mechanical Characteristics

Cell Type	6 inches Polycrystalline, 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	*64.6 x 39.1 x 1.6 inches
Output Cable	12 AWG, 39.4 inches
Weight	41.9 lbs
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

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

Maximum Ratings

Operating Temperature	-40°C ~ +85°C
Maximum System Voltage	1000VDC (EU) / 600VDC (US)
Maximum Series Fuse Rating	20A (EU) / 15A (US)

Rev No: JC/TDS/2013.02 Draft *Contact Renesola for tolerance specification.
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