

## 156 Series Monocrystalline

**Solar Module** 

250W, 255W, 260W, 265W



**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



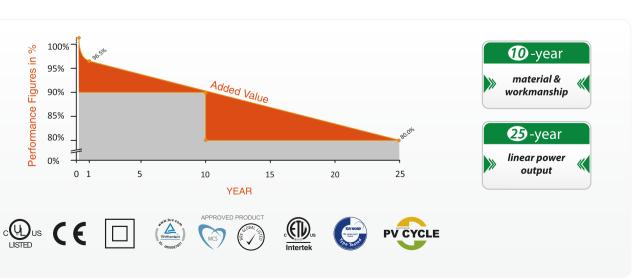
ISO9001, OHSAS18001, ISO14001 Certified



Application Class A, Safety Class II, Fire Rating C







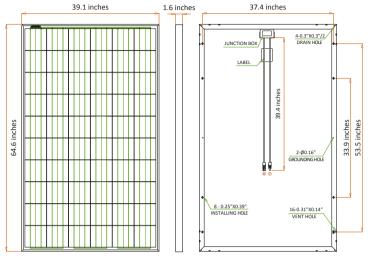
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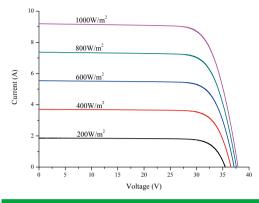


### **Dimensions**



Drawing Only for Reference

### **I-V Curves**



### **Efficiency at Varied Irradiation**

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	16.3%	16.6%	16.6%	16.5%	16.3%

Electrical Characteristics STC	JC250F-24/Bb-b	JC255-24/Bb-b	JC260F-24/Bb-b	JC265F-24/Bb-b
Maximum Power (Pmax)	250 W	255 W	260 W	265 W
Power Tolerance	0 ~ +5W	0 ~ +5W	0 ~ +5W	0 ~ +5W
Module Efficiency	15.4%	15.7%	16.0%	16.3%
Maximum Power Current (Imp)	8.32 A	8.44 A	8.55 A	8.66 A
Maximum Power Voltage (Vmp)	30.1 V	30.2 V	30.4 V	30.6 V
Short Circuit Current (lsc)	8.87 A	8.99 A	9.10 A	9.19 A
Open Circuit Voltage (Voc)	37.5 V	37.6 V	37.7 V	37.9 V
Values at Standard Test Conditions STC (Air Mass AM1.5, Irradiance 1000W/m², Cell Temperature 25°C)				

Electrical Characteristics NOCT	JC250F-24/Bb-b	JC255F-24/Bb-b	JC260F-24/Bb-b	JC265F-24/Bb-b
Maximum Power (Pmax)	184 W	188 W	191 W	195 W
Maximum Power Current (Imp)	6.57 A	6.62 A	6.66 A	6.70 A
Maximum Power Voltage (Vmp)	28.0 V	28.4 V	28.7 V	29.1 V
Short Circuit Current (Isc)	7.15 A	7.21 A	7.28 A	7.36 A
Open Circuit Voltage (Voc)	35.1 V	35.2 V	35.3 V	35.4 V

### Values at Normal Operating Cell Temperature, Irradiance of 800 W/m², spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s

#### **Mechanical Characteristics**

Cell Type 6 inches Square Monocrystalline, 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 40.8 lbs

Installation Hole Location See Drawing Above

### Characteristics

Temperature Coefficient of Voc	-0.31%/°C
Temperature Coefficient of Isc	0.03%/°C
Temperature Coefficient of Pmax	-0.43%/°C
Nominal Operating Cell Temperature (NOCT)	4500+300

### 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/2013.09 \*Contact Renesola for tolerance specification CAUTION: All rights reserved. Design and specification are subject to change without prior notice.

### Maximum Ratings

Operating Temperature	-40°F ~ +185°F
Maximum System Voltage	1000VDC (EU) / 600VDC (US)
Maximum Series Fuse Rating	20A (EU) / 20A (US)