

ReneSola

Virtus[®] II

Virtus[®] II Module

255W/260W/265W/270W



High Module Conversion Efficiencies



Easy Installation and Handling for Various Applications



Mechanical Load Capability of up to 113 psf (5400 Pa)



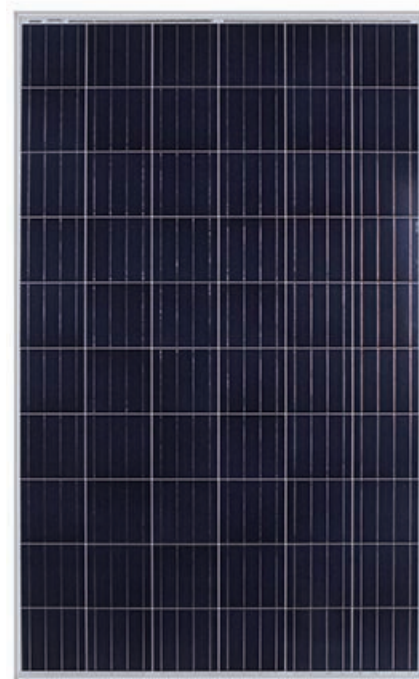
Conforms with IEC 61215:2005,
IEC 61730: 2004, UL 1703 PV Standards



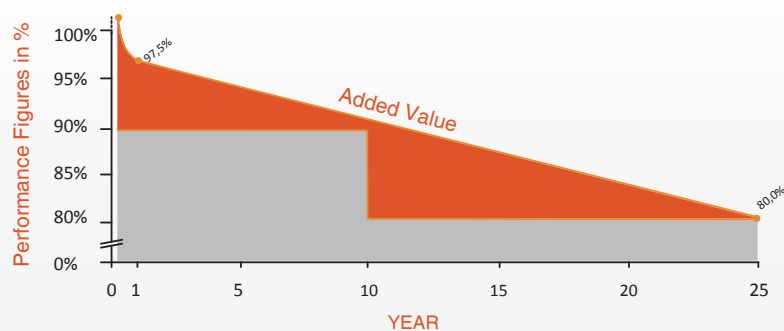
ISO9001, OHSAS18001, ISO14001 Certified



Application Class A, Safety Class II, Fire Rating Type 1



Also Applicable for Module with Black Frame



10-year
material & workmanship

25-year
linear power output

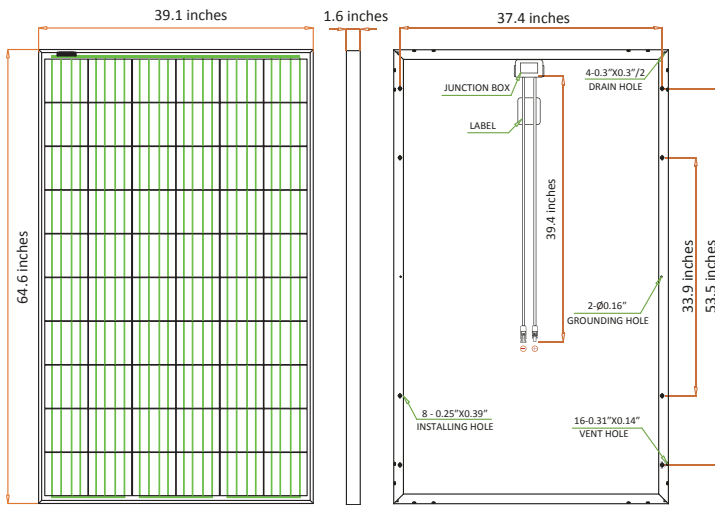


APPROVED PRODUCT



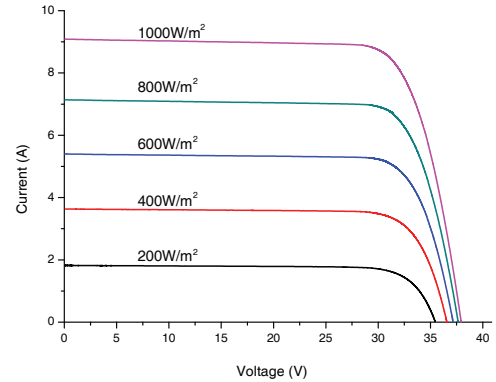
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Dimensions



Drawing Only for Reference

I-V Curves



Electrical Characteristics STC	JC255M-24/Bbs	JC260M-24/Bbs	JC265M-24/Bbs	JC270M-24/Bbs
Maximum Power (Pmax)	255 W	260 W	265 W	270 W
Power Tolerance	0 ~ +5W	0 ~ +5W	0 ~ +5W	0 ~ +5W
Module Efficiency	15.5%	16.0%	16.3%	16.6%
Maximum Power Current (Imp)	8.39 A	8.53 A	8.66 A	8.71 A
Maximum Power Voltage (Vmp)	30.4 V	30.5 V	30.6 V	31.0 V
Short Circuit Current (Isc)	8.86 A	8.95 A	9.03 A	9.10 A
Open Circuit Voltage (Voc)	37.5 V	37.6 V	37.7 V	38.1 V
Values at Standard Test Conditions STC (AM1.5, Irradiance of 1000W/m², Cell Temperature 77°F)				

Electrical Characteristics NOCT	JC255M-24/Bbs	JC260M-24/Bbs	JC265M-24/Bbs	JC270M-24/Bbs
Maximum Power (Pmax)	189 W	193 W	196 W	200 W
Maximum Power Current (Imp)	6.63 A	6.74 A	6.84 A	6.87 A
Maximum Power Voltage (Vmp)	28.5 V	28.6 V	28.7 V	29.1 V
Short Circuit Current (Isc)	7.20 A	7.27 A	7.33 A	7.37 A
Open Circuit Voltage (Voc)	35.1 V	35.2 V	35.3 V	35.6 V
Values at Normal Operating Cell Temperature, Irradiance of 800W/m², AM1.5, Ambient Temperature 68°F, Wind Speed 1m/s.				

Mechanical Characteristics

Cell Type	6 inches Virtus® II (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	-0.167%/°F (-0.30%/°C)
Temperature Coefficient of Isc	0.022%/°F (0.04%/°C)
Temperature Coefficient of Pmax	-0.222%/°F (-0.40%/°C)
Nominal Operating Cell Temperature (NOCT)	113 ± 3.6°F (45 ± 2°C)

Packing Information

Container	20' GP	40' GP	40' HQ
Pallets per Container	12	28	28
Pieces per Container	300/312	700/728	770/798

Rev No: JC/TDS/2015.04 *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 (-40°C ~ +85°C)
Maximum System Voltage	1000VDC (US)
Maximum Series Fuse Rating	20A (US)