



JX60-156M Series



280-310W Monocrystalline Module

Features

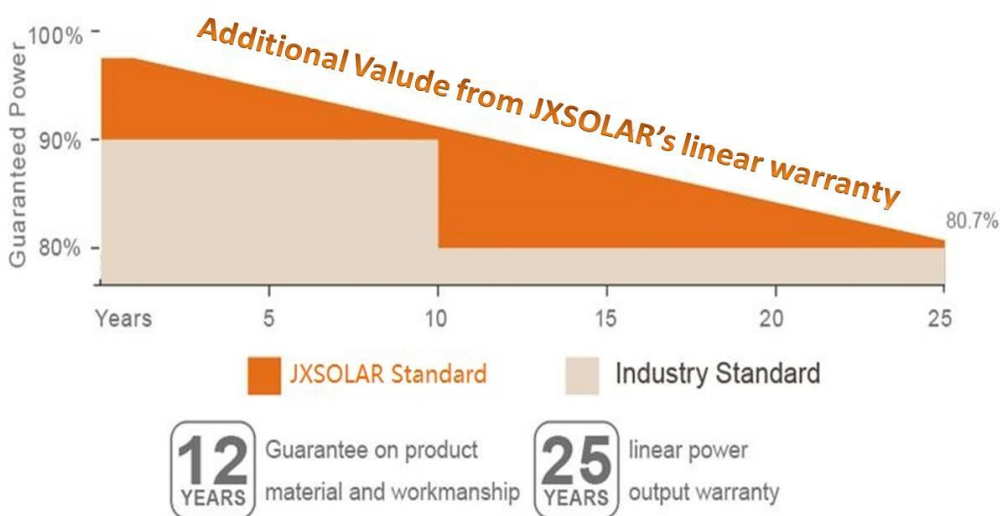
- Anti-PID
- Excellent temperature coefficient giving higher yields in the long term
- Certified to withstand increased loads of up to 5400Pa
- Outstanding performance in weak-light conditions
- High efficiency, all the innovative manufacturing technology, brings high conversion efficiency (up to 18.9%)

Management System and Product Certificate

Conform to IEC 61215, IEC 61730, CEC Listed and CE
ISO 9001: 2015: ISO Quality Management System
ISO 14001: 2015: ISO Environmental management system



Linear Performance Warranty



DATA (STC)				
ELECTRICAL DATA(STC)				
Peak Power Watts-Pmax(Wp)	280	290	300	310
Power Output Tolerance-P MAX (W)	0~+5W			
Maximum Power Voltage-V MPP (V)	32.20	32.30	32.80	32.90
Maximum Power Current-I MPP (A)	8.70	9.58	9.15	9.42
Open Circuit Voltage-V OC (V)	38.30	38.70	39.9	40.6
Short Circuit Current-I SC (A)	9.33	9.58	9.7	10.00
Module Efficiency η m (%)	17.1	17.7	18.3	18.9

STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5.

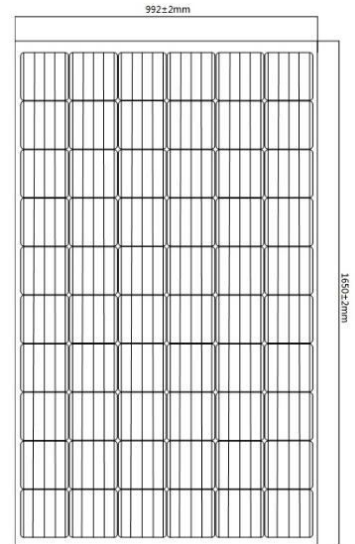
MECHANICAL DATA	
Solar cells	Monocrystalline 156.75×156.75 mm (6×6 inches)
Cell orientation	60cells (6×10)
Module dimensions	1650×992×35mm (65.0×39.1×1.225inches)
Weight	18.0kg (40.32lb)
Glass	3.2mm (0.13 inches), High Transmission, AR Coated Tempered Glass
Frame	Silver or black anodized aluminum alloy
Backsheet	White or black
J-Box	IP67 rated (3 or 6 diodes)
Cables	Photovoltaic Technology cable 4.0mm ² (0.006 inches ²), 900mm (35.46 inches)
Connector	MC4 or MC4 Compatible

TEMPERATURE RATINGS	
Nominal Operating Cell Temperature (NOCT)	44°C (±2°C)
Temperature Coefficient of P _{MAX}	- 0.39%/°C
Temperature Coefficient of Voc	- 0.29%/°C
Temperature Coefficient of Isc	0.05%/°C

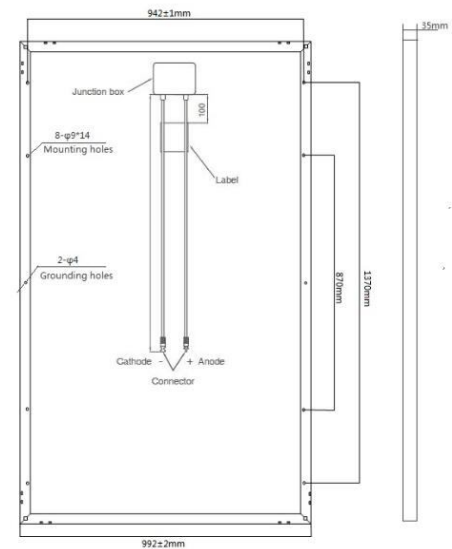
PACKAGING	
Standard packaging	30pcs/pallet
Module quantity per 20' container	400 pcs
Module quantity per 40' container	840 pcs

MAXIMUM RATINGS	
Operational Temperature	-40~+85°C
Maximum System Voltage	1000VDC(IEC)
Max Series Fuse Rating	15A

Module Diagram



Dimensions in brackets are in inches.
Un-bracketed dimensions are in millimeters.
Unit: mm[in.]



I-V & P-V Curves SOLAR MODULE 60-305W

