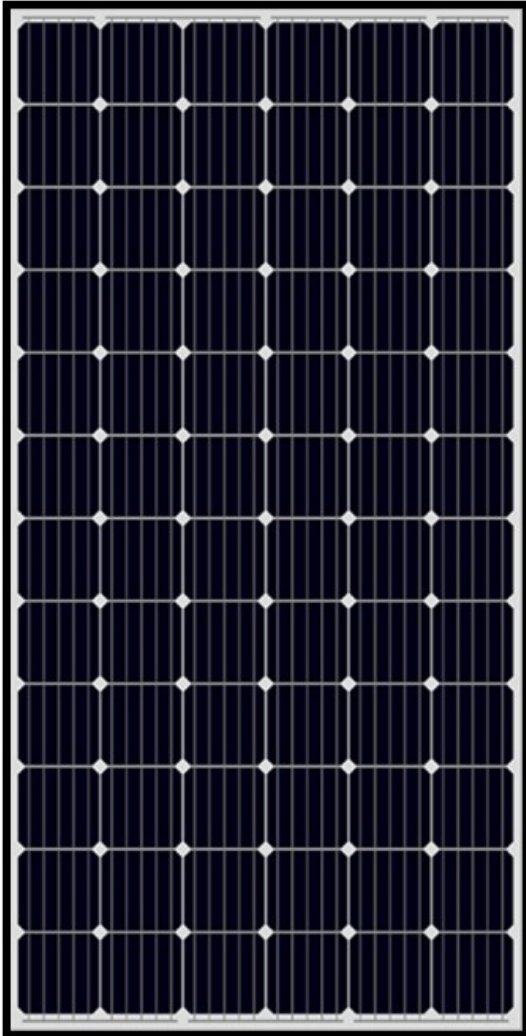


380w PERC Monocrystalline Solar Module



Key Features

Anti-PID



PV cells produced have achieved anti-PID (Potential-Induced Degradation) ability following the optimization of its manufacturing technology.



Solar Performance

Excellent temperature co-efficient, giving higher yields in the long term.



Static Load

Certified to withstand increased loads of upto 5400Pa (IEC 61215).



Low-light

Outstanding performance in weak-light conditions.



High Conversion

High efficiency, all the innovative manufacturing technology, brings high conversion (19.3%)



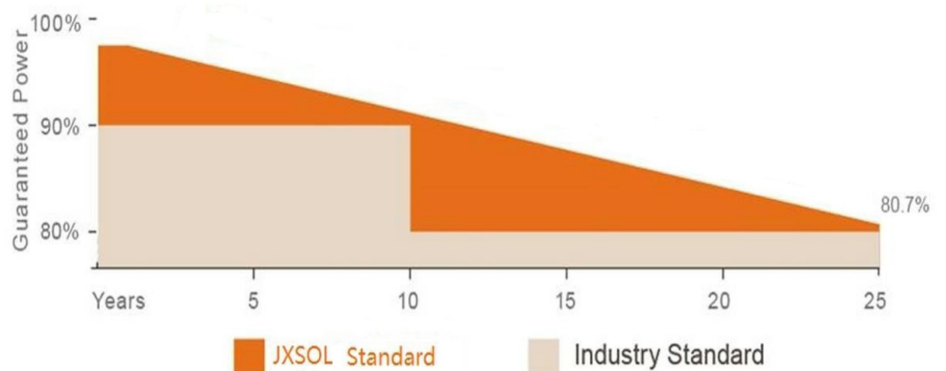
5 Busbars per Solar Cell

5+ busbars improve the efficiency of modules, offers a better aesthetic appearance, making it perfect for rooftop installation.

Management System and Product

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



12 YEARS Guarantee on product material and workmanship

25 YEARS linear power output warranty

ELECTRICAL DATA

Peak Power Watts-Pmax (Wp)	380
Power Output Tolerance-P MAX (W)	0 ~ +5w
Maximum Power Voltage-V MPP (V)	39.5
Maximum Power Current-I MPP (A)	9.62
Open Circuit Voltage-V OC (V)	48.5
Short Circuit Current-I SC (A)	10.29
Module Efficiency η_m (%)	19.3
STC: Irradiance 1000 W/m ² , Cell Temperature 25°C, Air Mass AM1.5	

MECHANICAL DATA

Solar Cells	PERC Monocrystalline 156 x 156mm
Cell Orientation	72 Cells (6 x 12)
Module Dimensions	1956 x 992 x 40mm
Weight	21.5kgs
Glass	3.2mm, High Transmission, AR Coated Tempered Glass
Frame	Black Frame Anodized Aluminium Alloy
Backsheet	White
J-Box	IP67 rated (3 or 6 Diodes)
Cables	Photovoltaic Technology Cable 4.0mm ² , 900mm
Connector	MC4 or MC4 Compatible

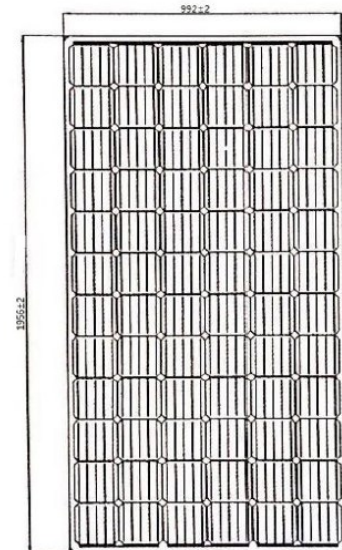
TEMPERATURE RATINGS

Nominal Operating Cell Temperature (NOCT)	44°C (±2°C)
Temperature Coefficient of P _{MAX}	- 0.39% / °C
Temperature Coefficient of V _{OC}	- 0.29% / °C
Temperature Coefficient of I _{SC}	0.05% / °C

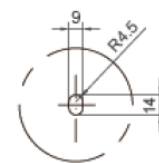
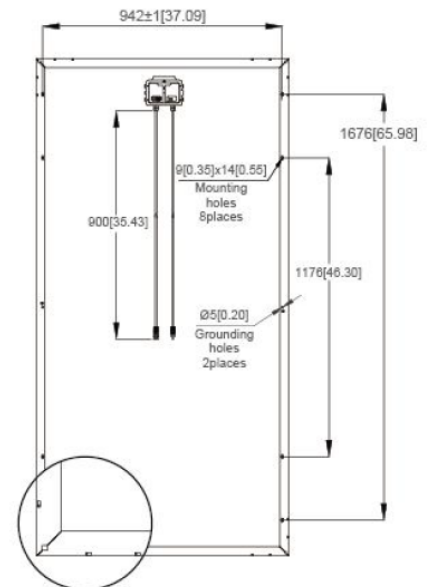
MAXIMUM RATINGS

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

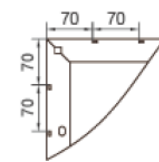
Solar Module Diagram



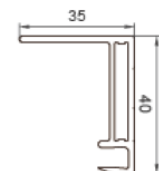
Dimensions in brackets are in inches. Unbracketed dimensions are in mm. Unit: mm [in.]



I



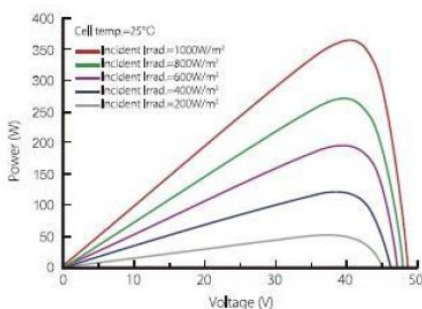
II



Section A - A

I-V and P-V Curves for Solar Modules 72-370w

Power-Voltage Curve



Current-Voltage Curve

