

Monocrystalline Silicon Solar Panel
OS-M72-200W&300W
Framed 72-cell module
Range:200W&300W

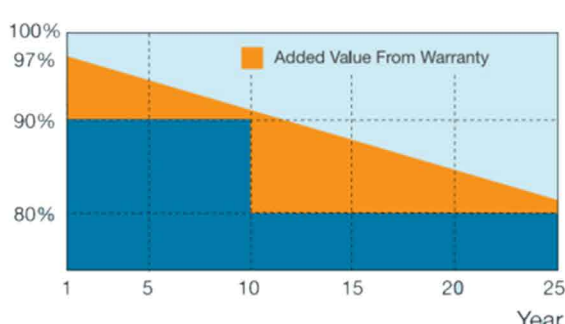


KEY FEATURES

-  **PID RESISTANT**
-  **High Power Output**
-  **High transmission, low Iron Tempered Glass**
-  **Bypass Diodes Protection**
-  **Salt Mist And Ammonia Resistance Test**

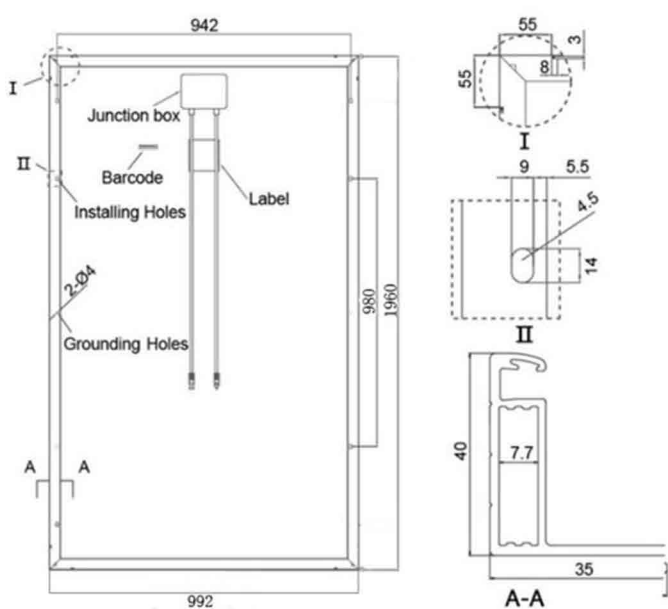
Superior Warranty

- 12-year product warranty
- 25-year linear power output warranty



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DIMENSIONS



MECHANICAL CHARACTERISTICS

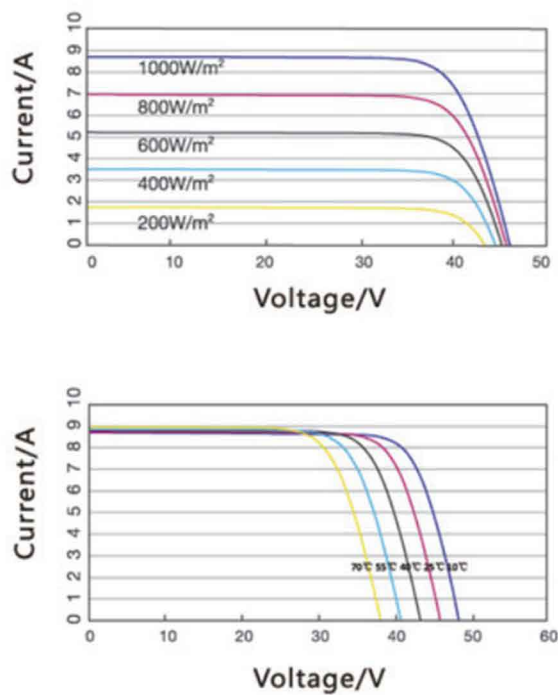
Frame Material	Anodized Aluminium Alloy
Front Glass	Tempered Glass
Back Cover	TPT(Composite film)
Cell Encapsulant	EVA
Junction box	IP67
Cables	2.5mm ² ,1000mm
Connector	MC4
Max wind load	2400Pa
Max snow load	5400Pa

TEMPERATURE COEFFICIENT

NOCT	47°C(±2°C)
Temperature Coefficient of Pmax	-0.45%/°C
Temperature Coefficient of Voc	-0.35%/°C
Temperature Coefficient of Isc	0.05%/°C
Operating Temperature	-40°C ~ +85°C

STC:Irradiance 1000w/m², Cell temperature 25°C,AM=1.5,Measuring tolerance:±3%

I-V CURVES



ELECTRONICAL CHARACTERISTICS

Module Type	OS-M72-200	OS-M72-300
Maximum Power(Pmax)	200W	300W
Maximum Power Voltage(Vmp)	37.2V	36V
Maximum Power Current(Imp)	5.38A	8.33A
Open Circuit Voltage(Voc)	46.2V	43.2V
Short Circuit Current(Isc)	5.64A	9.16A
Number of Cells	72(6*12)	72(6*12)
Size of Cells(mm)	156*104	156*156
Dimensions(mm)	1320*992*35	1960*992*40
Power Tolerance	+(0-3)%	
Maximum System Voltage	1000VDC	