

Monocrystalline Silicon Solar Panel 390W~410W

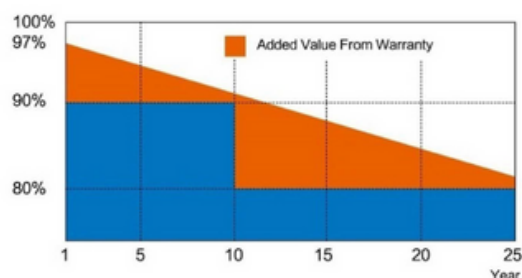


Key Features

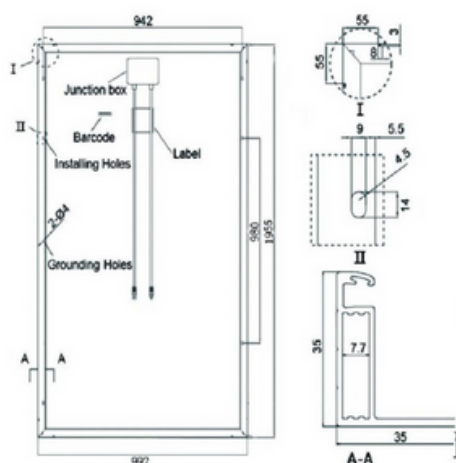
-  **PID RESISTANT**
-  **High Power Output**
-  **High transmission, low Iron Tempered Glass**
-  **Bypass Diodes Protection**
-  **Salt Mist And Ammonia Resistance Test**

Superior Warranty

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



DIMENSIONS



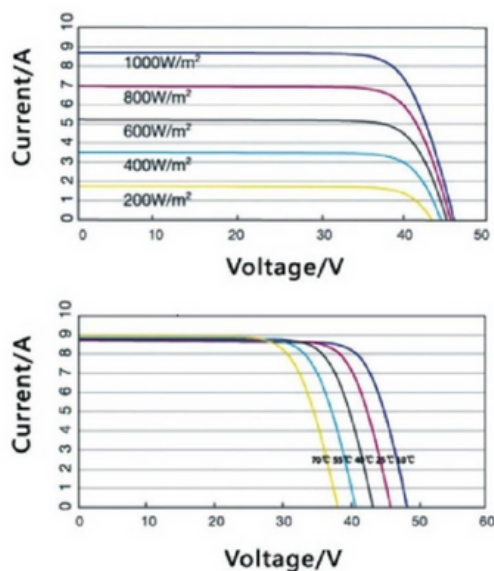
MECHANICAL CHARACTERISTICS

Frame Material	Anodized Aluminium Alloy
Front Glass	Tempered Glass
Back Cover	TPT(Composite film)
Cell Encapsulant	EVA
Junction box	IP67
Cables	4mm ² , 90cm
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 Voe	-0.35%/°C
Temperature Coefficient of Isc	0.05%/°C
Operating Temperature	-40°C ~ +85°C

I-V CURVES



ELECTRONICAL CHARACTERISTICS

Module Type	0S-M72-390	0S-M72-400	0S-M72-410
Maximum Power(Pmax)	390W	400W	410W
Maximum Power Voltage(Vmp)	37.8V	37.8V	37.8V
Maximum Power Current(Imp)	10.31A	10.58A	10.84A
Open Circuit Voltage(Voc)	44.60V	44.60V	44.22V
Short Circuit Current(Isc)	11.85A	12.16A	12.68A
Number of Cells	72(6*12)	72(6*12)	72(6*12)
Size of Cells(mm)	156*156	156*156	156*156
Dimensions(mm)	1955*992*35	1955*992*35	1955*992*35
Power Tolerance(W)	+3%		
Maximum System Voltage	1000VDC		
STC	Irradiance 1000W/m², Cell Temperature 25°C, Air Mass 1.5G		