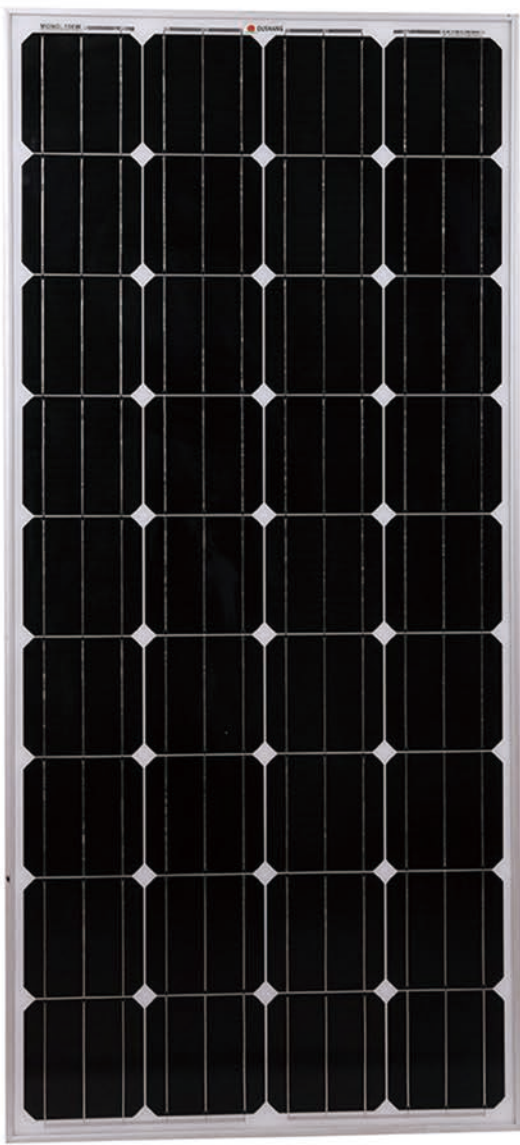


Monocrystalline Silicon Solar Panel
OS-M36-150W
Framed 36-cell module
Range:120-150W

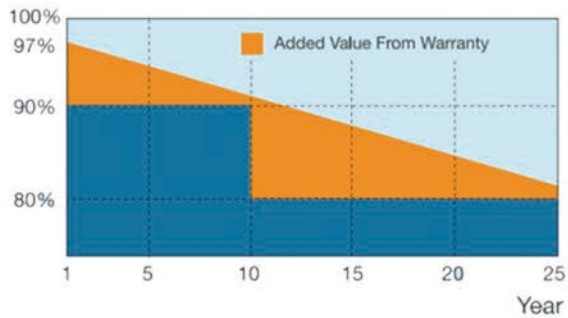


KEY FEATURES

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

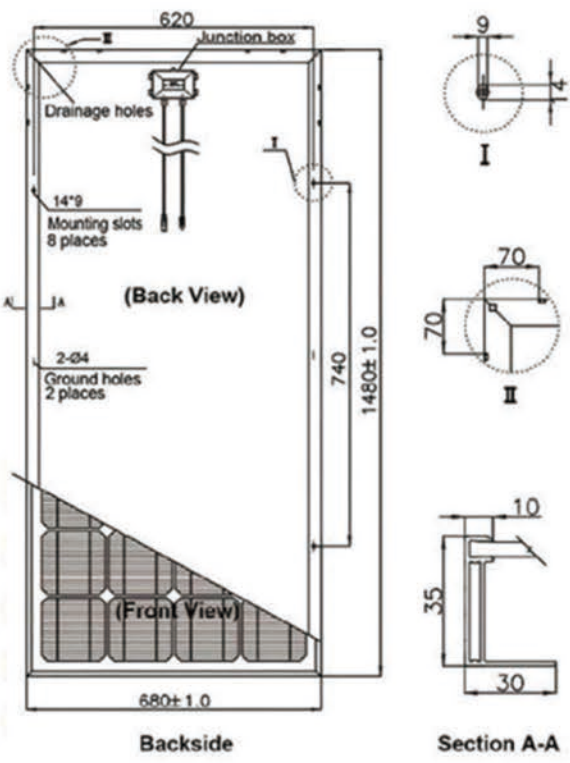
Superior Warranty

- 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%

ELECTRONICAL CHARACTERISTICS

Module Type	OS-M36-120	OS-M36-130	OS-M36-150
Maximum Power(Pmax)	120W	130W	150W
Maximum Power Voltage(Vmp)	18.1V	18.1V	18.2V
Maximum Power Current(Imp)	6.62A	7.1A	8.25A
Open Circuit Voltage(Voc)	21.2V	21.6V	21.84V
Short Circuit Current(Isc)	7.07A	7.34A	8.89A
Number of Cells	36(4*9)	36(4*9)	36(4*9)
Size of Cells(mm)	156*156	156*156	156*156
Dimensions(mm)	1470*670*30	1470*670*30	480*680*35
Power Tolerance	+(0-3)%		
Maximum System Voltage	1000VDC		

I-V CURVES

