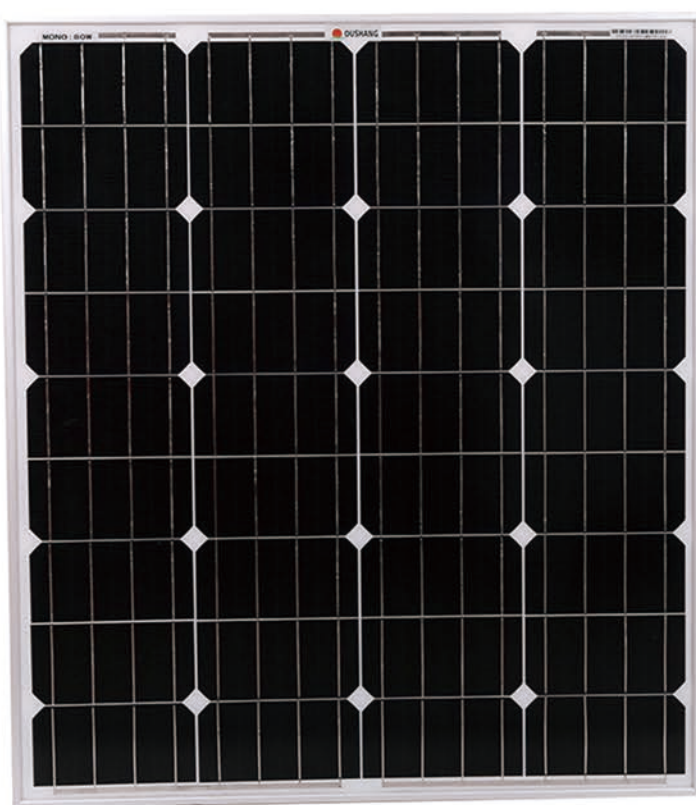


Monocrystalline Silicon Solar Panel
OS-M36-100W
Framed 36-cell module
Range:70-100W



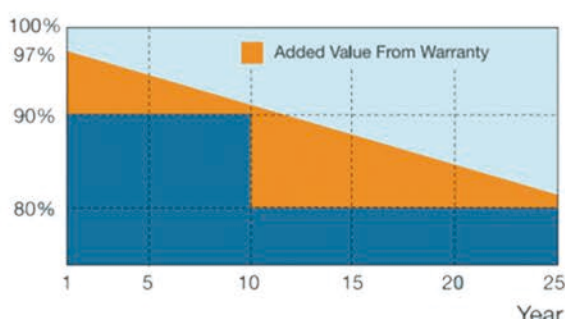
KEY FEATURES

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



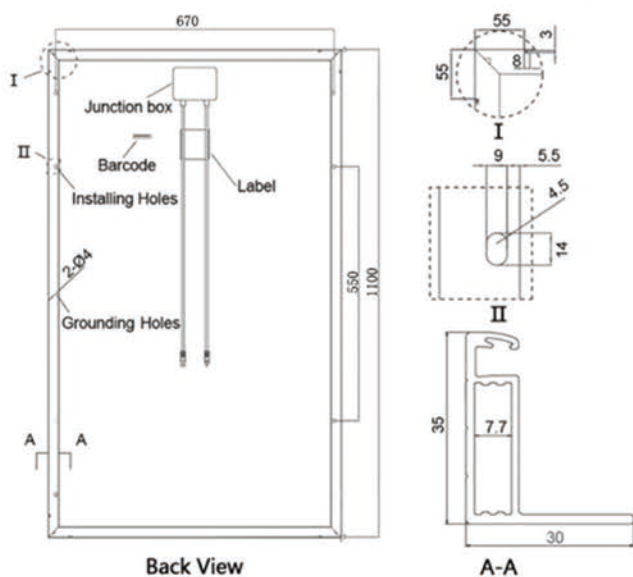
Superior Warranty

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



HeHebei Oushang Photovoltaic Technology Co., Ltd. Add: Dazhao Industrial Zone, Ningjin, Hebei Province, China
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DIMENSIONS



MECHANICAL CHARACTERISTICS

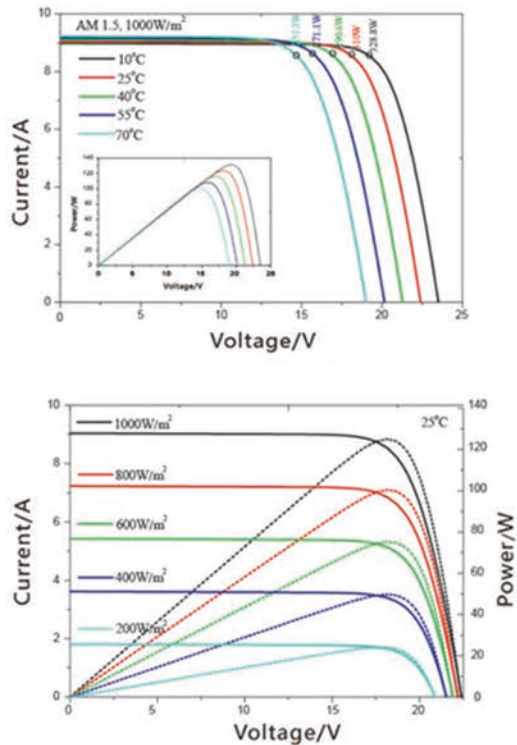
Frame Material	Anodized Aluminium Alloy
Front Glass	Tempered Glass
Back Cover	TPT(Composite film)
Cell Encapsulant	EVA
Junction box	IP67
Cables	2.5mm ² ,1000mm
Connector	MC4
Max wind load	2400Pa
Max snow load	5400Pa

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-M36-70	OS-M36-80	OS-M36-100
Maximum Power(Pmax)	70W	80W	100W
Maximum Power Voltage(Vmp)	17.3V	17.5V	17.9V
Maximum Power Current(Imp)	4.05A	4.57A	5.67A
Open Circuit Voltage(Voc)	20.76V	21V	21.2V
Short Circuit Current(Isc)	4.53A	5.12A	6.35A
Number of Cells	36(4*9)	36(3*12)	36(4*9)
Size of Cells(mm)	156*78	156*93.6	156*113
Dimensions(mm)	780*675*25	1200*540*30	1100*670*30
Power Tolerance	+(0-3)%		
Maximum System Voltage	1000VDC		

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