

Monocrystalline Silicon Solar Panel
OS-M60-270W
Framed 60-cell module
Range:250-270W

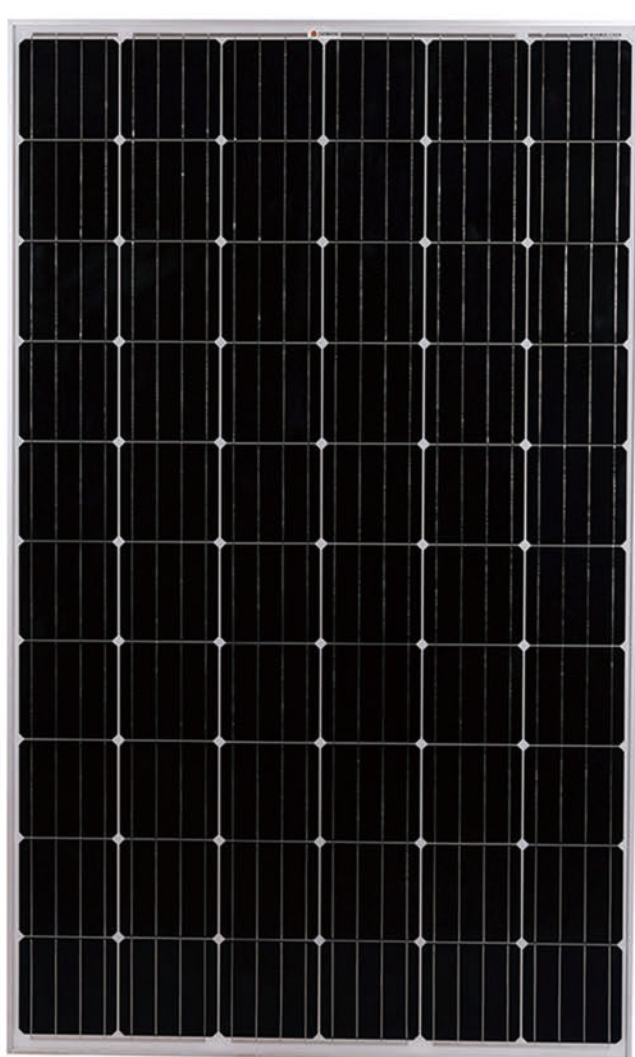
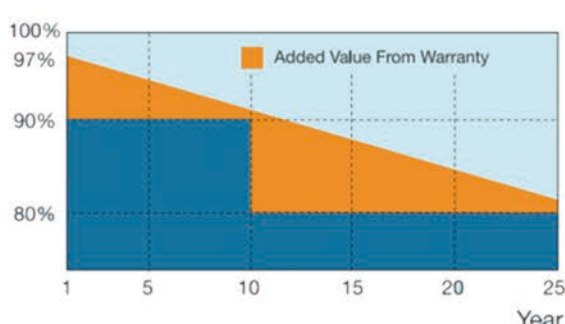


KEY FEATURES

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

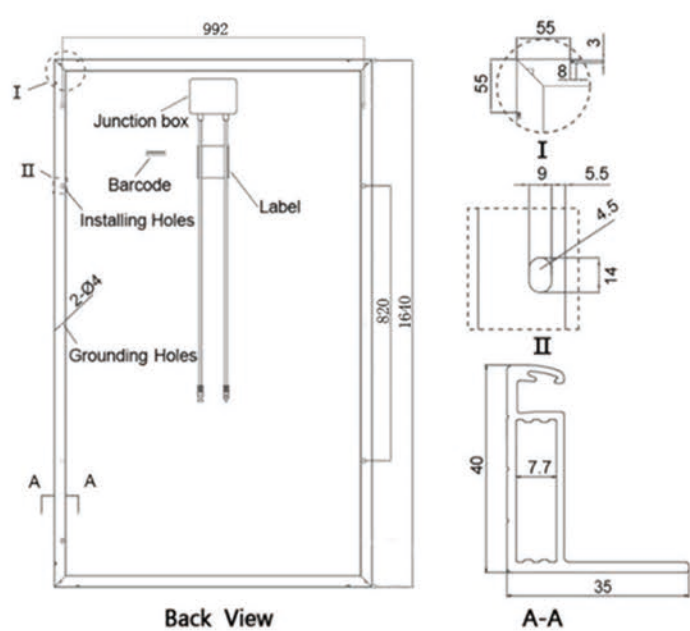
Superior Warranty

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



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DIMENSIONS



MECHANICAL CHARACTERISTICS

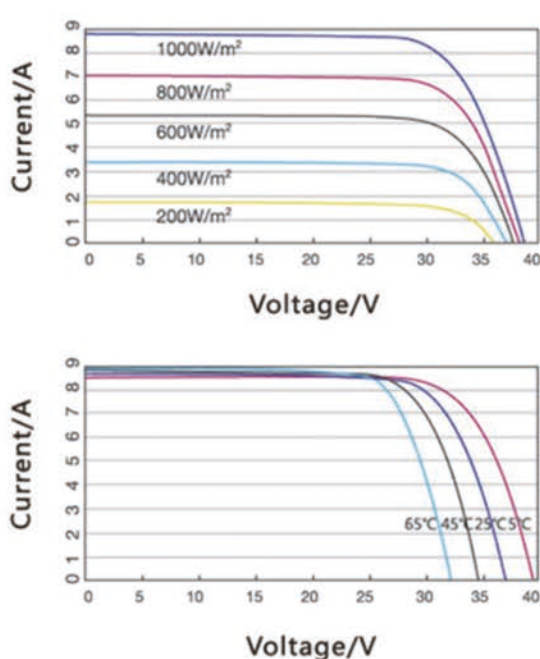
Frame Material	Anodized Aluminium Alloy
Front Glass	Tempered Glass
Back Cover	TPT(Composite film)
Cell Encapsulant	EVA
Junction box	IP67
Cables	2.5mm ² ,1000mm
Connector	MC4
Max wind load	2400Pa
Max snow load	5400Pa

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-M60-250	OS-M60-260	OS-M60-270
Maximum Power(Pmax)	250W	260W	270W
Maximum Power Voltage(Vmp)	30V	31.02V	31.66V
Maximum Power Current(Imp)	8.33A	8.38A	8.69A
Open Circuit Voltage(Voc)	36V	38.05V	38.86V
Short Circuit Current(Isc)	9.02A	9.08A	9.22A
Number of Cells	60(6*10)	60(6*10)	60(6*10)
Size of Cells(mm)	156*156	156*156	156*156
Dimensions(mm)	1640*992*40	1640*992*40	1640*992*40
Power Tolerance	+(0-3)%		
Maximum System Voltage	1000VDC		

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