



Sun Gold Power SG-100WM Monocrystalline Module Instruction Manual

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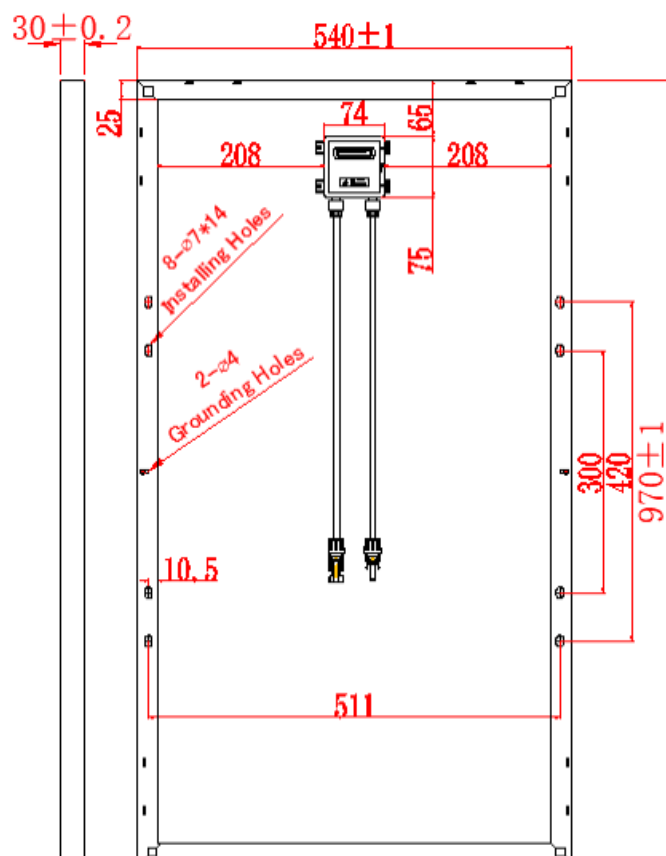
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SG-100WM Monocrystalline Module



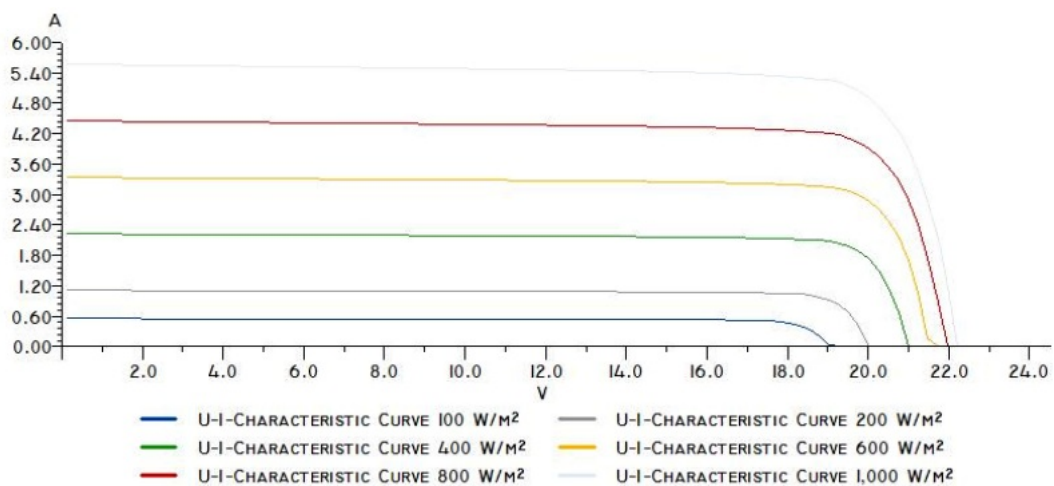
**Monocrystalline Module Models
SG-100WM**



Frame thickness: 0.9 ± 0.128
Treatment for frame: Anodized.

Module Diagram

UL-CHARACTERISTIC CURVE AT 25 C



Electrical Specifications

*STC : Irradiance 1000W/m² , AM1.5 spectrum, module temperature 25°C

Model type	SG-100WM
Peak power (Pmax)	100W
Cell Efficiency	22.80%
Maximum power voltage (Vmp)	19.1V
Maximum power current (Imp)	5.24A
Open circuit voltage (Voc)	22.1V
Short circuit current (Isc)	5.57A
Power Tolerance	±3%
Maximum system voltage	600V
Series fuse rating (A)	8
Number of bypass diode	1

Temperature Coefficients	0.03%/°C
Voltage Temperature Coefficient $\beta(V_{oc})$	- 0.32%/°C
Power Temperature Coefficient	-0.42%/°C
Nominal Temperature Of Cells(NOTC)	46±2°C
Application Temperature Range	-40~+85°C

Mechanical Characteristics

Dimensions	970 x 540 x 30mm (38.19×21.26×1.18 inch)
Weight:	5.88kg (13.05lbs)
Solar Cells:	33cells in series(3x 11)
Construction:	High-transmission low-iron tempered glass , EVA, TPE
Frame:	Anodized aluminum is mainly for improving corrosion resistance. Color: silver

Output

Cable	LAPP(4mm ²)
Lengths	900() and 900()
Connector	MC IV Plug

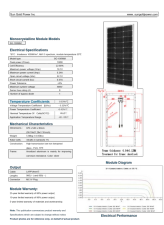
Module Warranty:

25-year limited warranty of 80% power output;
 10-year limited warranty of 90% power output;
 5-year limited warranty of materials and workmanship.

Note: This publication summarizes product warranty and Specifications which are subject to change without notice Product photos are for reference only, on behalf of actual product.



Documents / Resources

	Sun Gold Power SG-100WM Monocrystalline Module [pdf] Instruction Manual SG-100WM Monocrystalline Module, SG-100WM, Monocrystalline Module, Module
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References

- [User Manual](#)

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