

Temperatures of tempered glass on photovoltaic heating plates can reach 50-70 degrees Celsius without affecting power generation. The product is suitable for cold climates and snowy regions.



Solar panel features:

- 1 Monocrystalline silicon solar cells are highly efficient at converting sunlight into electricity.
- 2 Aluminium alloy frames are highly resistant to mechanical impact and have high strength.
- 3 Tolerance range for power output (ensuring that the output power falls within the range of -3~+3%).
- 4 The product performs well in low light conditions.

A strong wind and snow load can be borne by it. Wind loads of 2400-6 Pascals and snow loads of 5400 Pascals can be handled by solar panels.

Specifications (M: Monocrystal, P: Pplycrystal)

Module	FS-M-150W
Pmax	150W
Size and number of cells	158*79mm, 4pcs*14
Tolerance	±3%
Vmp	29.68V
Imp	5.05A
Voc	35.62V
Isc	5.56V
Max. Syst. Oper. Voltage	1000V
Diodes	0 by-pass
Dimension	1200*700*25mm
Weight	11kgs
Operate Temp.scope	-40/+85°C
Relative Humidity	0 to 100%
Resistances	227g steel ball falls down from 1m high and 60m/s wind speed
Warranty	Pm is not less than 90% in 10years and 80% in 25years
STC	Irradiance 1000w/m ² , module temperature 25°C, AM=1.5
Mechanical parameter	
Solar cell	Rectangular monocrystalline silicon 158*158mm
Glass	3.2mm (0.13 inches) Ultra white cloth grain tempered glass
Frame	Its high strength and resistance to mechanical impact make it a good choice for frames. The temperature at which the device operates is Celsius.
Junction box	PV-WY08 rated
Cables	TUV, 4.0mm ² , length 0.9m
Connectors	Solar integrated twist locking connectors

