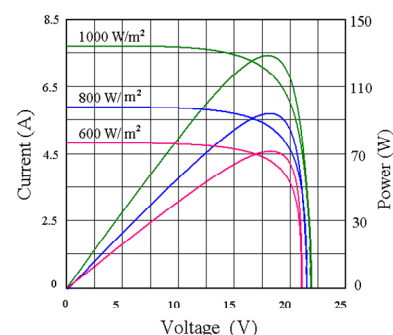


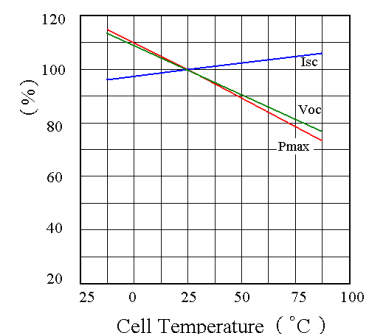
SM SOLAR

1. Specification and Characteristic

Model SM140	140
Max. power at STC (Pm)	140 W
Open-circuit voltage(Voc)	22.25 V
Short-circuit current (Isc)	8.39 A
Voltage at Pmax (Vmp)	18.13 V
Current at Pmax(Imp)	7.72A
Power tolerance	±3%
NOCT	48°C±2°C
Temp. coefficient of Voc	-0.35%/°C
Temp. coefficient of Isc	0.035%/°C
Temp. coefficient of Power	-0.47%/°C
Max. series fuse rating	15A
Max. system voltage	DC 1000V(VDE) / DC 600V(UL)



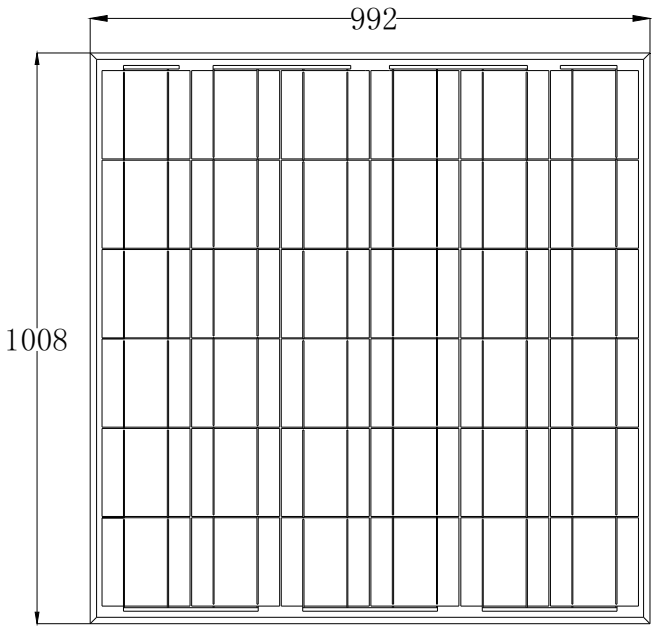
Polycrystalline cell size	156*156mm
No.of cells and connections	36 (6*6)
Dimension of module	1008*992*35mm
Module Weight	13.5 Kg
Packing	2 PCS/CTN
Loading	1012PCS/40'



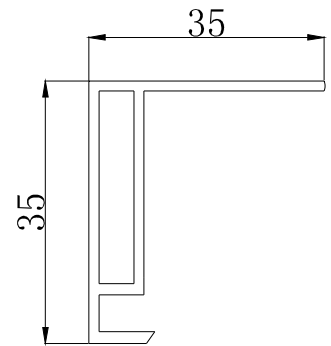
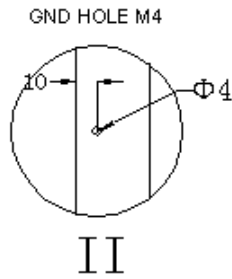
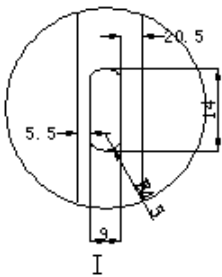
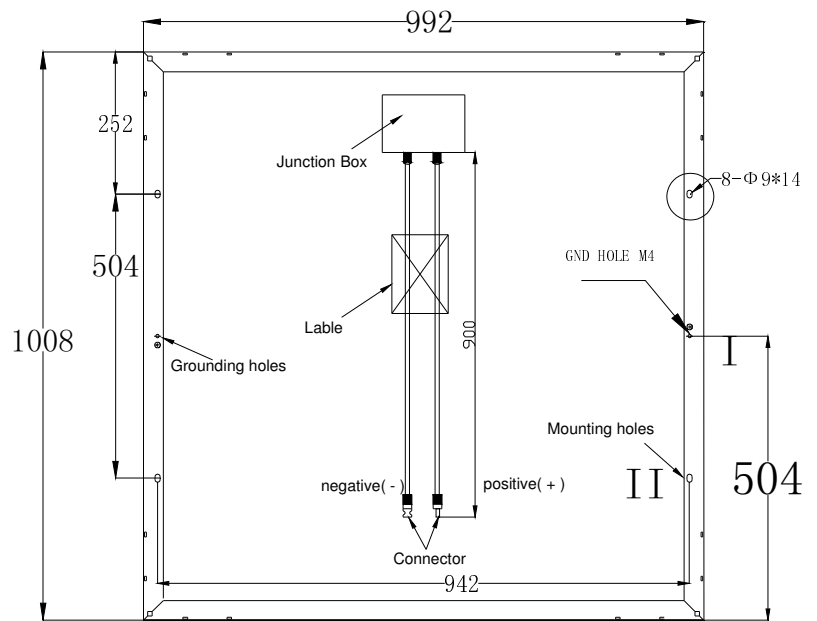
Operating Temp.	-40°C to +85°C
Static load front and back	2400 Pascal
Front loading	5400 Pascal
Hailstone impact	25mm at 23 m/s



FRONT VIEW



back view



Guarantee:

- 5-years product guarantee
- 10-years performance guarantee at 90% power output
- 25- years performance guarantee at 80% power output

Note:

- 1、STC: Irradiance 1000W/m², Module temperature 25°C AM=1.5
- 2、Nominal Operation Cell Temperature above data is only for reference