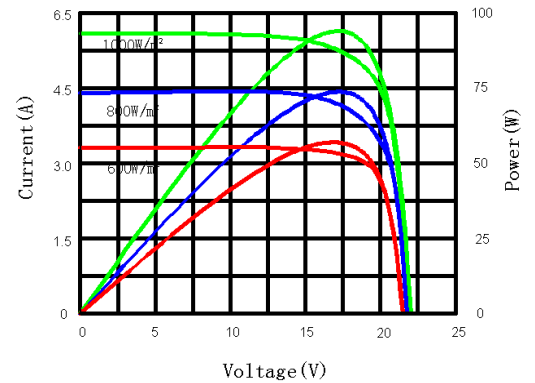
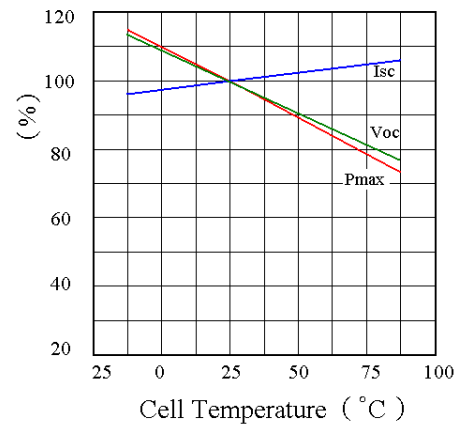


SM SOLAR

Model	SM90	90
Max. power at STC(Pm)		90W
Open-circuit voltage(Voc)		44.46V
Short-circuit current(Isc)		2.69A
Voltage at Pmax(Vmp)		36.15V
Current at Pmax(Imp)		2.49A
Power tolerance		±3%
NOCT		48°C±2°C
Temp. coefficient of Voc		-0.34%/°C
Temp. coefficient of Isc		0.031%/°C
Temp. coefficient of Power		-0.46%/°C
Max. series fuse rating		10A
Max.system voltage		DC 1000V(VDE)/ DC 600V(UL)

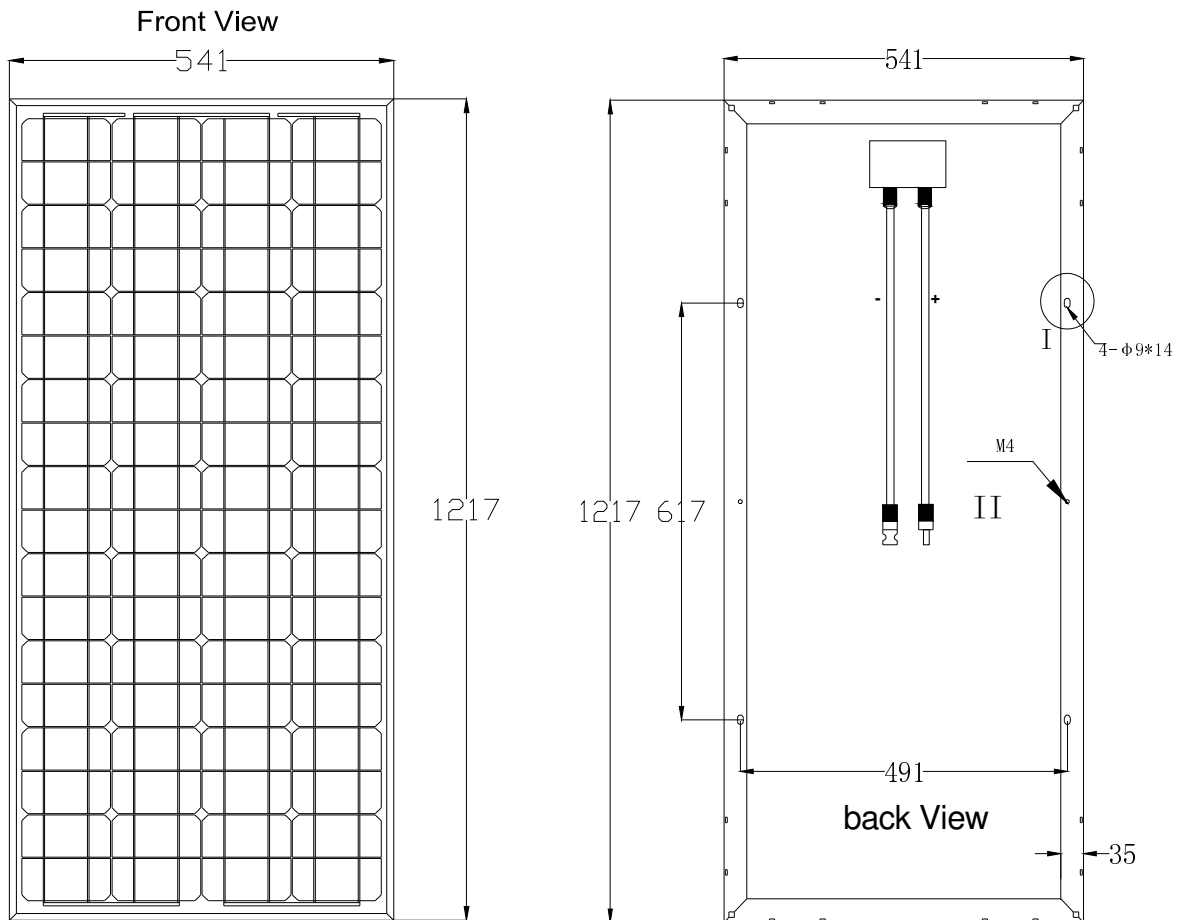


Cell size	125×62.5mm
No.of cells and connections	72 (4*18)
Dimension of module	1217*541*35mm
Weight	8.7Kg



Temperature cycling range	-40°C to +85°C
Humidity freeze, damp heat	85% RH
Static load front and back	2400 Pascal
Front loading	5400 Pascal
Hailstone impact	25mm at 23 m/s





Guarantee:

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