



Model No.: SW 210M



Sunworth solar, we commit ourselves to R&D, manufacture and technical innovation on pv modules and solar power system.

To provide high quality products with various specifications to customers is always our pursuit.

Characteristics:

- Use high quality solar cells to advanced encapsulation
- Adopt high transparent low-iron tempered glass, high quality anti-UV EVA and back sheet.
- With multi-ply performance testing for each module, to ensure the product quality and output performance.
- Using anodization aluminum frame with anticorrosion, to ensure solar module working under extremely and badly outdoors environment

Warranty:

- Guarantee the workmanship for 5 years, 90% power output for 10years, and 80% power output for 20years.

**Production application:**

- Independent power supply for remote area,i.e. house lighting etc.
- Solar lighting,i.e.solar garden lamp,solar lawn lamp etc.
- Solar power system
- Other samll solar power supply

Electrical characteristics:

| | SW210M |
|-------------------------------|-------------|
| Max-power:Pm(W) | 210W |
| Max-power voltage: Vm(V) | 27.1V |
| Max-power current: Im(A) | 7.75A |
| Open-circuit voltage:Voc(V) | 33.4V |
| Short-circuit current: Isc(A) | 8.38A |
| Max-system voltage(VDC) | 1000V |
| Operating temperature(°C) | -40°C~+85°C |
| Power tolerance | 0~ +6W |

*STC condition: 1000 W/m²,1.5AM and 25°C cell temperature.

Mechanical characteristics:

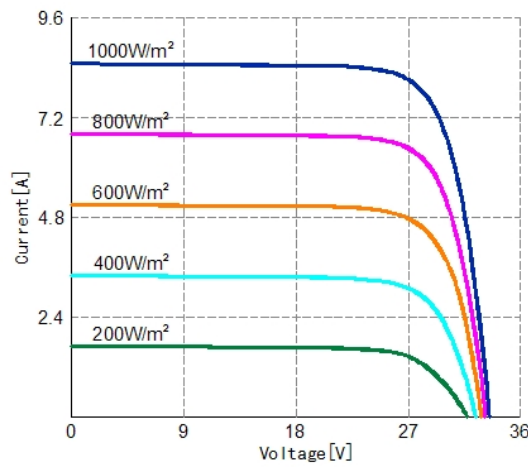
| | |
|----------------------------------|--------------------------------|
| Type of solar cell | Monocrystalline |
| Lay up of solar cell | 54 (6*9)PCS |
| Dimension of solar module | 1480*982*35mm |
| Gross weight of solar module | 16.4Kg |
| Front Cover | Low-iron Tempered glass/ 3.2mm |
| Frame | Anodization aluminum |
| Junction Box (protection degree) | IP65 |
| Hailstone Impact | 25mm at 23m/s |
| Qty/CTN | 2PCS |

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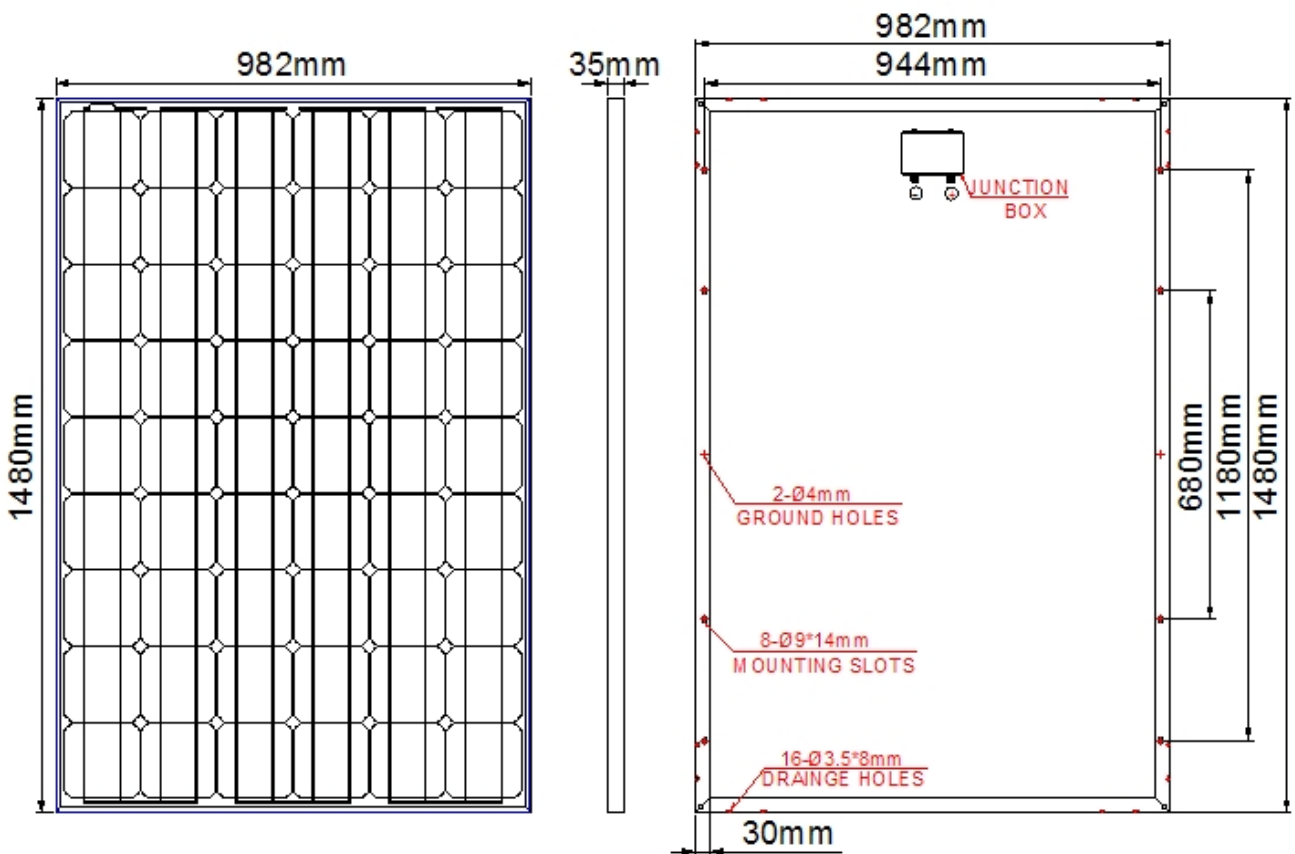
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Guangdong Province, and P.R.China



I-V curves:



Dimensions:



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