

SP100M-36F2

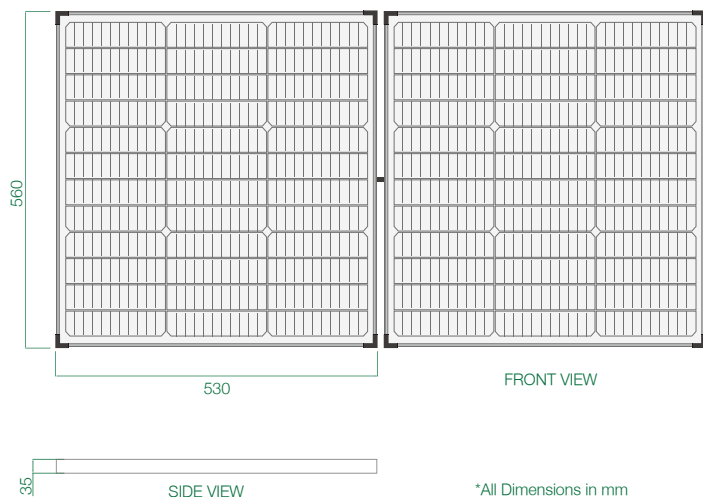
High Efficiency Monocrystalline PV Module

| Electrical Data | SP100M-36F2 |
|---|--------------------|
| Maximum power (Pmax) | 100W |
| Voltage at Pmax (Vmp) | 19.60V |
| Current at Pmax (Imp) | 5.11A |
| Open-circuit voltage (Voc) | 23.60V |
| Short-circuit current (Isc) | 5.50A |
| Temperature coefficient of Voc | -(80±10)mV/°C |
| Temperature coefficient of Isc | (0.065±0.015)%/ °C |
| Temperature coefficient of power | -(0.5±0.05)%/ °C |
| NOCT (Air 20°C; Sun 0.8kW/m² wind 1m/s) | 47±2°C |
| Operating temperature | -40°C to 85°C |
| Maximum system voltage | 1000V DC |
| Power tolerance | + 3% |

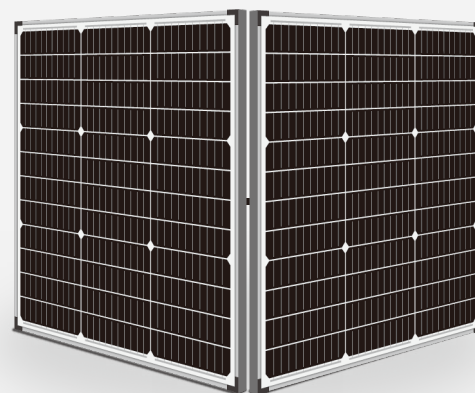
* STC: Irradiance 1000W/m², AM1.5 spectrum, module temperature 25°C

* NOCT: Nominal operating cell temperature (the data is only for reference)

Dimensions Of PV Module



| Specifications | SP100M-36F2 |
|------------------------------|--|
| Cells | 166×41.5mm |
| No. of cells and connections | 36(12×3) |
| Module dimension | 560×530×35 mm 22.05×20.87×1.38 inch |
| Weight | 6.5 kg |
| No. of Mounting Holes | 4 |
| No. of Waterspout Holes | 16 |



25 25-year guarantee
for 80% rated power

10 10-year product
workmanship

10 10-year guarantee
for 90% rated power

Features

- Excellent power generation performance
- Nominal 12V DC for standard output.
- Heavy-duty anodized frames.
- High transparent low-iron, tempered glass.

Applications

- Traffic & Safety
- Federal Government
- Agricultural
- Security
- Telecommunications
- Water and Wastewater
- Weather & Environmental Monitoring
- RV Camper
- Emergency Power
- Telemetry

Characteristics

