

SP250P-72

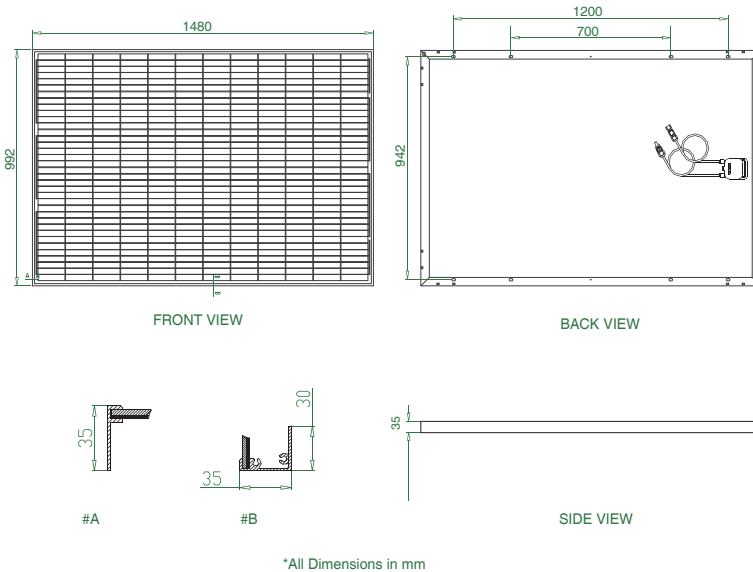
High Efficiency Polycrystalline PV Module

Electrical Data	SP250P-72
Maximum power (Pmax)	250 W
Voltage at Pmax (Vmp)	37.6 V
Current at Pmax (Imp)	6.35 A
Open-circuit voltage (Voc)	46.2 V
Short-circuit current (Isc)	7.18 A
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/m ² wind 1m/s)	47±2°C
Operating temperature	-40°C to 85°C
Maximum system voltage	1000V DC
Power tolerance	+ 3%

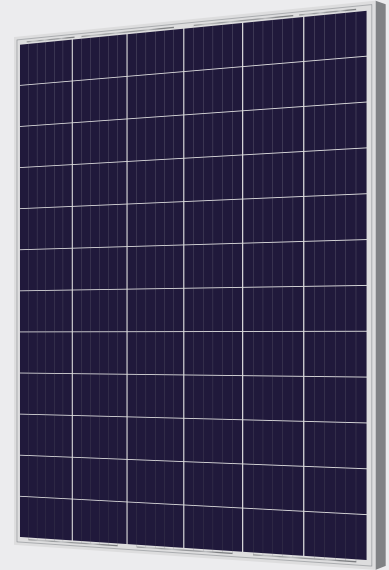
* STC: Irradiance 1000W/m², AM1.5 spectrum, module temperature 25°C

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

Dimensions Of PV Module



Mechanical Data	SP250P-72
Cells	Poly 117 × 156.75 mm
No. of cells and connections	72 (6 × 12)
Module dimension	1480 × 992 × 35 mm 58.3 × 39.1 × 1.38 inch
Weight	17 kg
No. of Mounting Holes	4



25 25-year guarantee for 80% rated power

10 10-year product workmanship warranty

10 10-year guarantee for 90% rated power

Features

- Excellent power generation performance
- Nominal 36V 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

Certificates

