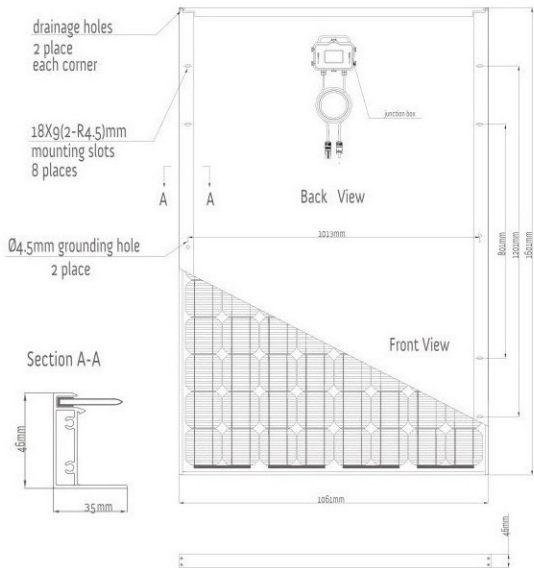


125x125mm 8x12 Cells

Monocrystalline Solar Module



► Electrical characteristics

UL-250D-96	UL-255D-96	UL-260D-96	UL-265D-96	TUV-Model
UL-250D-96	UL-255D-96	UL-260D-96	UL-265D-96	UL-Model
250	255	260	265	Max. Power Pm (W)
47.8	47.9	48.0	48.2	Max. Power Voltage Vm (V)
5.23	5.33	5.42	5.50	Max. Power Current Im (A)
60.1	60.2	60.4	60.5	Open-Circuit Voltage Voc (V)
5.62	5.72	5.78	5.85	Short-Circuit Current Isc (A)
16.8	17.2	17.5	17.8	Cell Efficiency
14.7	15.0	15.3	15.6	Module Efficiency
0~+3%				Power Tolerance
1000 (TUV) / 600 (UL)				Max. System Voltage (V)
+0.065%/°C				Temperature Coefficient of Isc
-0.330%/°C				Temperature Coefficient of Voc
-0.403%/°C				Temperature Coefficient of Pmax
-40°C~+85°C				Operating Temperature
45±2°C				NOCT
10				Series Fuse Rating (A)

STC: irradiance: 1000 W/m²; Solar spectrum: AM 1.5; cell temperature: 25°C

► Guarantee

- 10-year product guarantee
- 12-year performance guarantee at 90% power output
- 25-year power guarantee at 80% power output

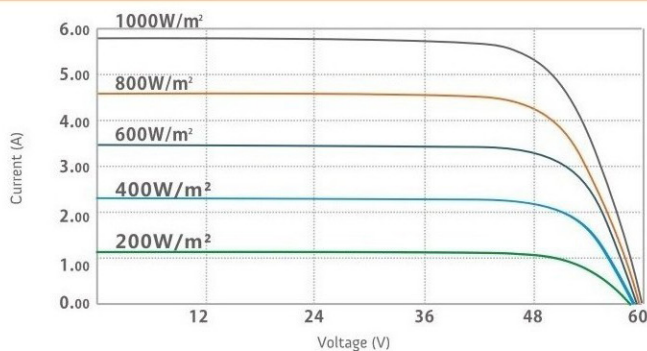
► Note

- Nominal operating cell temperature above data is only for reference
- Deviation of Vm(V), Im(A), Voc(V) and ISC(A) of ± 10%
- Due to continuous Innovation, research and improvement, the specification is subject to change without prior notice.

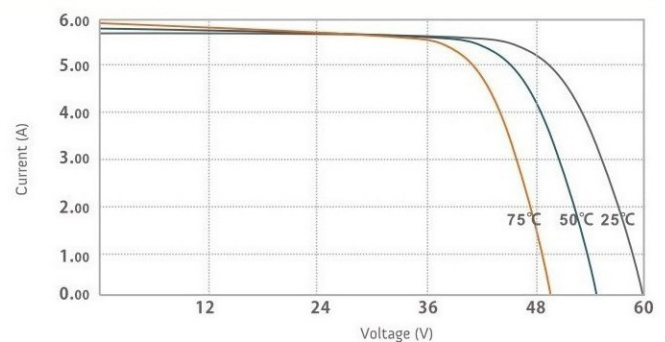
► Mechanical characteristics

1601x1061x46	Module Dimension (mm)
125x125	Cell Dimension (mm)
8x12	Array (PCS)
19.5	Weight (kg)

► I-V Curves



I-V Curves at different irradiance



I-V Curves at different temperature