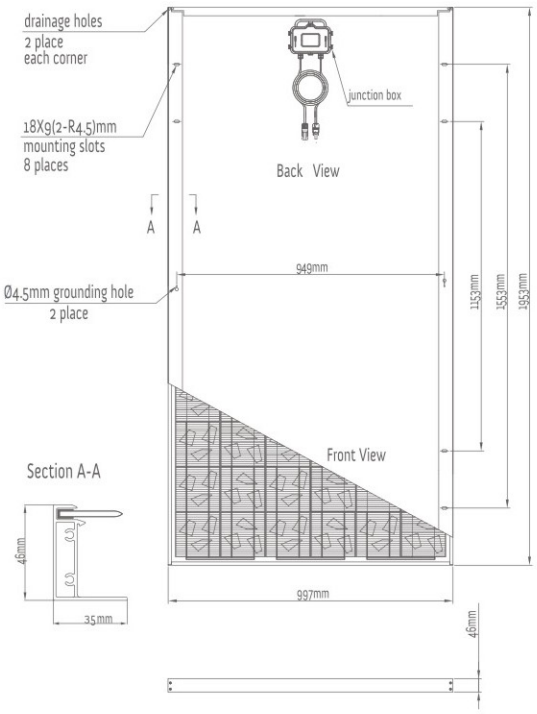
156x156mm 6x12 Cells Polycrystalline Solar Module



Electrical characteristics

UL-285P-72	UL-290P-72	UL-295P-72	UL-300P-72	TUV-Model
UL-285P	UL-290P	UL-295P	UL-300P	UL-Model
285	290	295	300	Max. Power Pm (W)
36.3	36.3	36.4	36.5	Max. Power Voltage Vm (V)
7.86	7.99	8.11	8.22	Max. Power Current Im (A)
44.5	44.7	44.9	45.1	Open-Circuit Voltage Voc (V)
8.46	8.50	8.55	8.62	Short-Circuit Current Isc (A)
16.3	16.5	16.8	17.1	Cell Efficiency
14.6	14.9	15.2	15.4	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
15				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

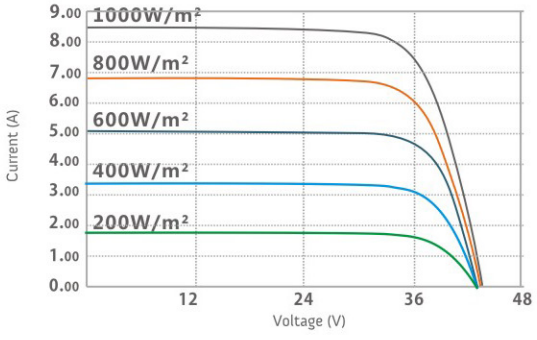
Note

· 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 subjuect to change without prior notice.

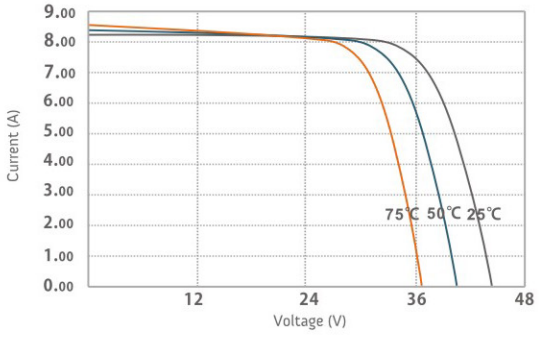
Mechanical characteristics

1953x997x46	Module Dimension (mm)
156x156	Cell Dimension (mm)
6x12	Array (PCS)
22.5	Weight (kg)

I-V Curves



I-V Curves at different irradiance



I-V Curves at different temperature