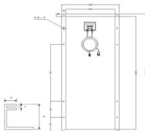


90/100/110/120Watt



Front View



Back View

Specifications

Cell Size (mm)	156 x 156
No. of Cells & Connections	36 (4x9)
Dimension of Module (mm)	1468 x 660 x 47
Weight (kg)	11.5

Temperature & Coefficient

NOCT	43.6°C
Short-Circuit Current Temp. Coefficient	-0.028 %/°C
Open-Circuit Voltage Temp. Coefficient	-0.068 %/°C
Peak Power Temp. Coefficient	-0.390 %/°C
Power Tolerance	±5%

Electrical Characteristics

Model	STF - 90WP6	STF - 100WP6	STF - 110WP6	STF - 120WP6
Rated Power (Pmax)	90W ± 5%	100 ± 5%	110 ± 5%	120 ± 5%
Open-circuit voltage (Voc)	21.6 V	21.7 V	21.7 V	21.8 V
Short - circuit current (Isc)	5.79 A	6.24 A	6.9 A	7.63 A
Voltage at Pmax (Vmp)	17.3 V	17.2 V	17.2 V	17.4 V
Current at Pmax (Imp)	5.2 A	6.00 A	6.4 A	6.89 A
Maximum system voltage	1000 V			
Operating temperature	25°C			

**All the data of this sheet are subjected to change without notice.

FEATURES

- A range of PV modules (90-120W) using square poly-crystalline silicon solar cells with 13.6% module conversion efficiency.
- Photovoltaic module with bypass diode minimize the power drop caused by shade.
- Textured cell surface to reduce the reflection of sunlight and BSF (Back Surface Field) structure to improved cell conversion efficiency: 13.5%.
- White tempered glass, EVA resin and a weatherproof film, plus aluminum frames for extended outdoor use.
- Output terminal: Lead wire with waterproof connector.
- Certifications: IEC 61215 / IEC 61730