

Solaco Solar Module

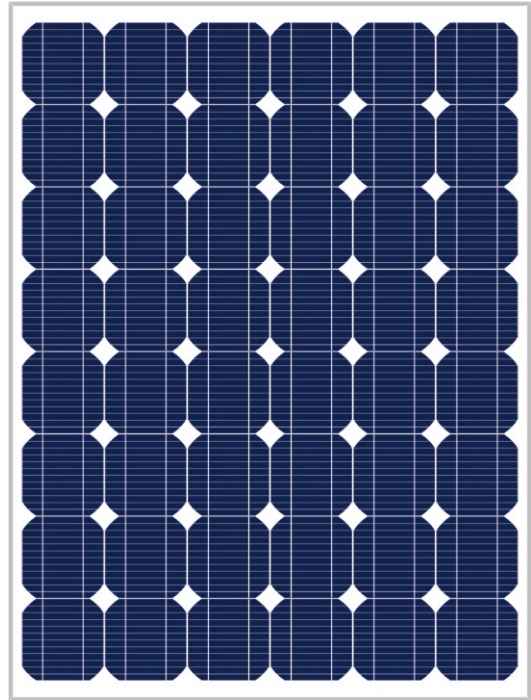
Specifications Data

Module Type	SC100M-12	SC110M-12	SC120M-12
Max. Power	100Wp	110Wp	120Wp
Cell Type	Mono-Crystalline Silicon Solar Cells		
No. Of Cells	48 series		
Max. System Voltage	1000VDC		
Power Tolerance	±3%		
Surface Maximum Load Capacity	60 m/s(200kg/sq.m)		
Weight	11.0kg		
Dimensions	808x1080x35mm		

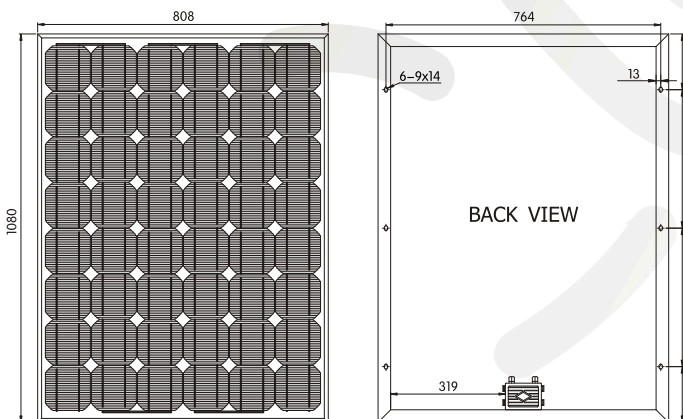
Electrical Characteristic

Open Circuit Voltage (V)	21.5	21.5	21.5
Short Circuit Current (A)	6.46	7.11	7.75
Max. Power Voltage (V)	17.5	17.5	17.5
Max. Power Current (A)	5.71	6.29	6.86
Temperature Coefficients Of Isc (%)	+0.033%/°C		
Temperature Coefficients Of Voc (%)	- 0.36%/°C		
Temperature Coefficients Of Pm (%)	- 0.44%/°C		
Cells Efficiency (%)	≥14.5	≥15.5	≥16.8
Operating Temperature	- 40 to + 88°C		

Conditions:(STC): Irradiance:1000W/m², spectral distribution AM1.5, Cell temperature:25°C



Module Diagrams



Features and Benefits

- High efficiency solar cells
- Nominal 12V DC for standard output
- Cells are laminated with EVA, TPT and tempered glass ensuring long life and the most stringent safety requirements for high-voltage operation.
- Anodized aluminum frame with convenience mounting slots
- Withstand high wind pressure and snow load
- Outstanding low-light performance
- Preeminent aesthetic appearance
- Easy installation
- Output power tolerance of ±3%
- 25 year limited warranty on power output, 2 year limited warranty on materials and workmanship