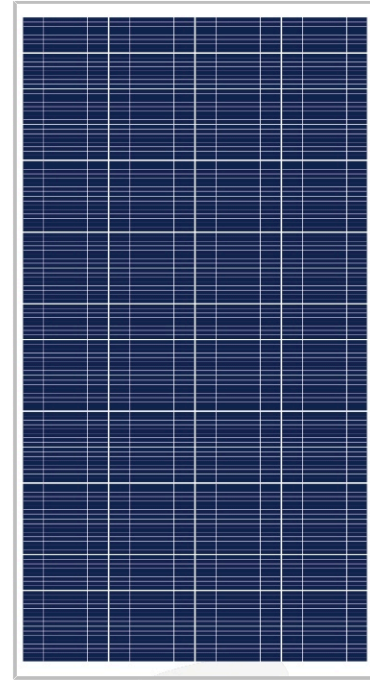


Solaco Solar Module

Specifications Data		
Module Type	SC100P-12	SC110P-12
Max. Power	100Wp	110Wp
Cell Type	Poly-Crystalline Silicon Solar Cells	
No. Of Cells	36 or 72 series	
Max. System Voltage	715VDC	
Power Tolerance	±3%	
Surface Maximum Load Capacity	60 m/s(200kg/sq.m)	
Weight	10.0kg	
Dimensions	670x1250x35mm	

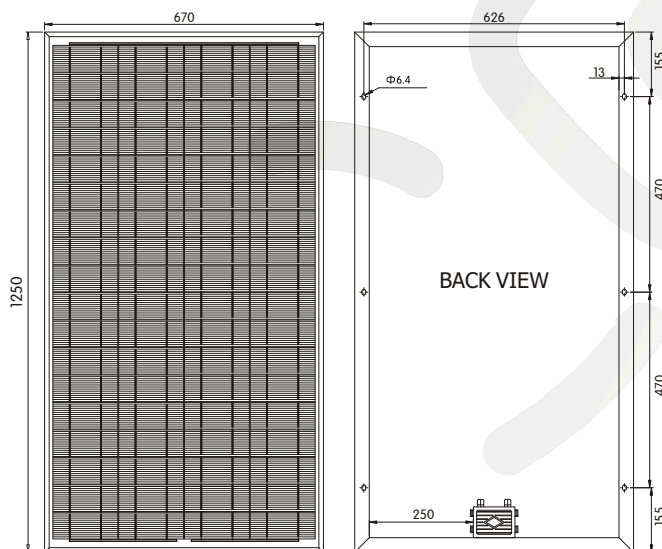
Electrical Characteristic		
Open Circuit Voltage (V)	21.5	
Short Circuit Current (A)	6.46	7.11
Max. Power Voltage (V)	17.5	
Max. Power Current (A)	5.71	6.29
Temperature Coefficients Of Isc (%)	+0.033%/°C	
Temperature Coefficients Of Voc (%)	- 0.36%/°C	
Temperature Coefficients Of Pm (%)	- 0.44%/°C	
Cells Efficiency (%)	≥14.5	≥15.0
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