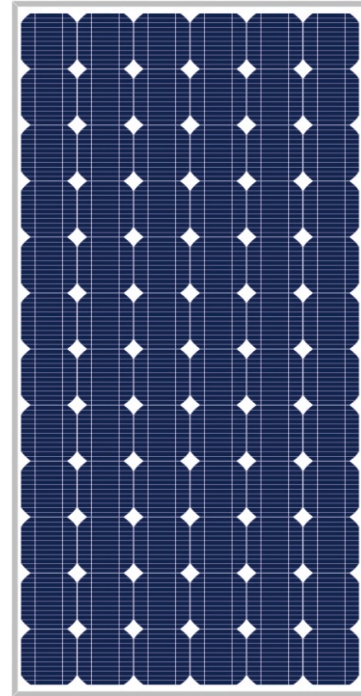


## Solaco Solar Module

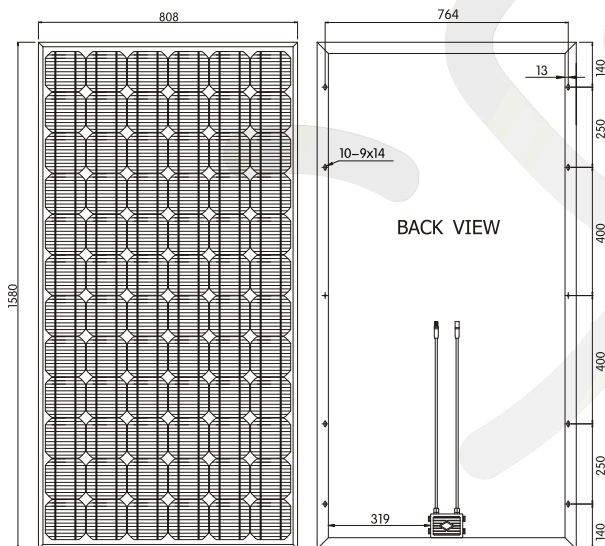
Specifications Data				
Module Type	SC150M-24	SC165M-24	SC175M-24	SC180M-24
Max. Power	150Wp	165Wp	175Wp	180Wp
Cell Type	Mono-Crystalline Silicon Solar Cells			
No. Of Cells	72 series			
Max. System Voltage	1000VDC			
Power Tolerance	±3%			
Surface Maximum Load Capacity	60 m/s(200kg/sq.m)			
Weight	15.0kg			
Dimensions	808x1580x35mm			

Electrical Characteristic				
Open Circuit Voltage (V)	43.0	44.0	44.7	44.8
Short Circuit Current (A)	4.77	5.14	5.23	5.29
Max. Power Voltage (V)	35.0	35.0	35.8	36.0
Max. Power Current (A)	4.28	4.71	4.90	5.00
Temperature Coefficients Of Isc (%)	+0.033%/°C			
Temperature Coefficients Of Voc (%)	- 0.36%/°C			
Temperature Coefficients Of Pm (%)	- 0.44%/°C			
Cells Efficiency (%)	≥15.5	≥16.0	≥16.5	≥16.8
Operating Temperature	- 40 to + 88°C			

Conditions:(STC): Irradiance:1000W/m<sup>2</sup>, spectral distribution AM1.5, Cell temperature:25°C



### Module Diagrams



### Features and Benefits

- High efficiency solar cells
- Nominal 24V 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