

SPM140P

FEATURE:

- IEC61215, TUV certification
- UL 1703 certification
- ETL Class I ,Division 2,Groups C and D certification
- Using high efficiency 6” Multicrystalline cells.
- Using low iron tempered glass and an EVA pottant with TPT back sheet to encapsulated cells.
- Anodized aluminum frame protected structural strength.
- 10 years limited warranty of 90% power output and 25 years limited warranty of 80% power output.



High-efficiency, High-Quality Multicrystalline Photovoltaic Module

SOLARTECH POWER manufactures clean, elegant and durable modules with advanced industry-leading performance for different electrical power requirements. It is designed and built to deliver highest efficiency and reliable power for on-grid residential and commercial systems worldwide.



Solartech 140Watt panels could applied in Residential roof top systems, Large commercial grid tie systems, Water Pumping systems, High Voltage stand alone systems, electrification of villages in remote areas, Power source for summer vacation homes, etc.

UL No.: E330673 TUV No.:0000022551 IEC No.:C1-ASN07001 ETL No.:4001057



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ELECTRICAL CHARACTERISTICS

	SPM140P		
Power at STC (P _m)	140W		
Maximum power voltage (V _{pm})	18.3V		
Maximum power current (I _{pm})	7.65A		
Open circuit voltage (V _{oc})	22.2V		
Short circuit current (I _{sc})	8.24A		
Tolerance	±5%		
Module efficiency	14.5%		
Standard test conditions	Temperature 25°C, Irradiance 1000W/m ² , AM=1.5		
Maximum system voltage	1000V DC	Series fuse rating	12A
Temperature coefficient	I _{sc} : 0.05%/K	V _{oc} : -0.36%/K	P _{max} : -0.46%/K

Specifications

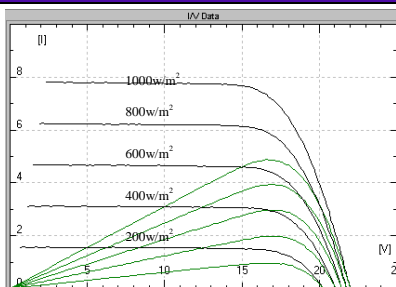
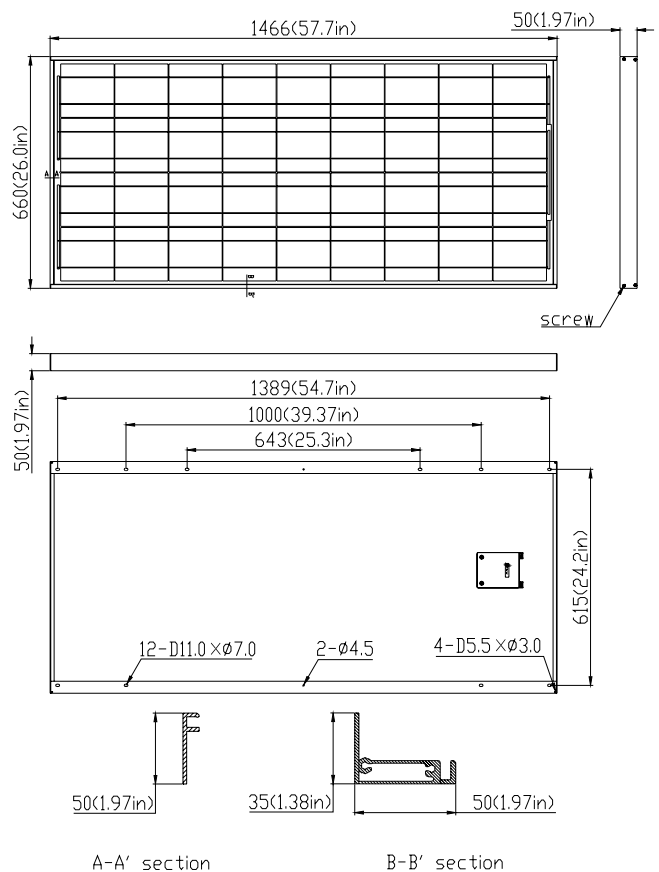
Cell	Polycrystalline silicon solar cell, (156mmx156mm)
No. of cell and connection	36 (4x9)
Dimension	1466mm (57.7in) x 660mm (26.0in) x 50mm (1.97in)
Weight	12KG

AMBIENT CONDITIONS

Operating Temperature	-40°C to +85°C
Storage Humidity	<90%

Output

Type of output terminal	Junction box
Cable	

IV CURVES

OUTLINE DIMENSIONS

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