

SPM100P

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 100Watt panels could applied in electrification of villages in remote areas, Power source for summer vacation homes, Emergency communication systems, Microwave/radio repeater stations ,etc.

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



Solartech Power, Inc.
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ELECTRICAL CHARACTERISTICS			
	SPM100P		
Power at STC (Pm)	100W		
Maximum power voltage (Vpm)	18.6V		
Maximum power current (Ipm)	5.38A		
Open circuit voltage (Voc)	22.8V		
Short circuit current (Isc)	5.76A		
Tolerance	±5%		
Module efficiency	14.8%		
Standard test conditions	Temperature 25°C, Irradiance 1000W/m ² , AM=1.5		
Maximum system voltage	1000V DC	Series fuse rating	10A
Temperature coefficient	Isc: 0.05%/K	Voc: -0.36%/K	Pmax: -0.46%/K

Specifications	
Cell	Multicrystalline silicon solar cell, (156mmx104mm)
No. of cell and connection	36 (4x9)
Dimension	1014mm (39.9in) x 669mm (26.3in) x 35mm (1.38in)
Weight	9KG

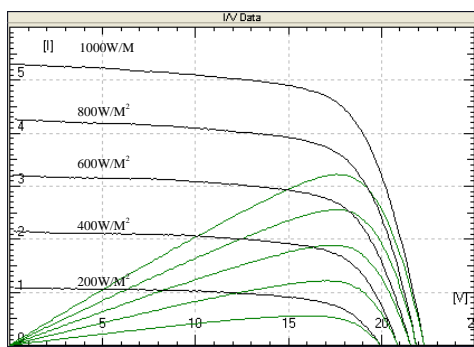
AMBIENT CONDITIONS

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

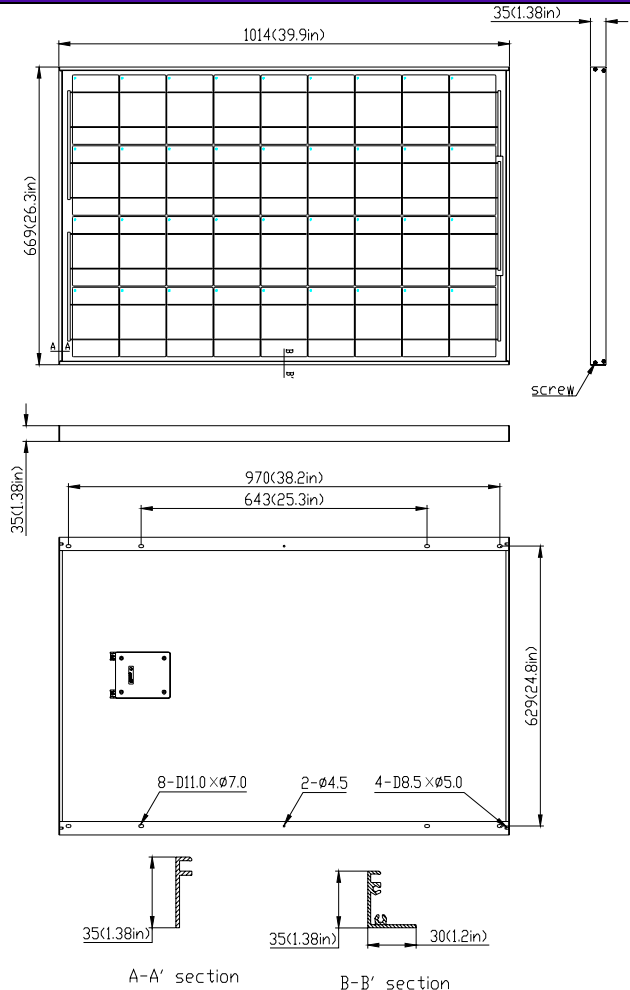
OUT PUT

Type of output terminal	Junction box
Cable	

IV CURVES



OUTLINE DIMENSIONS



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