

SPM085P

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 85Watt 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



Conergy Inc.
Our World is Full of Energy
17815 - 111 Avenue
Edmonton, AB T5S 2X3

Toll free | 888-489-3701
www.conergy.ca

ELECTRICAL CHARACTERISTICS

	SPM090P	SPM085P	SPM080P
Power at STC(P _m)	90W	85W	80W
Maximum power voltage(V _{pm})	18.3V	17.9V	17.3V
Maximum power current(I _{pm})	5.04A	4.84A	4.7A
Open circuit voltage(V _{oc})	22.2V	21.9V	21.9V
Short circuit current(I _{sc})	5.38A	5.17A	5.1A
Tolerance	±5%	±5%	±5%
Module efficiency	13.27%	12.53%	11.79%
Standard test conditions	Temperature 25°C, Irradiance 1000W/m², AM=1.5		
Maximum system voltage	1000V DC	Series fuse rating	10A
Temperature coefficient	I _{sc} :0.05%/K	V _{oc} : -0.36%/K	P _{max} : -0.46%/K

Specifications

Cell	Multicrystalline silicon solar cell, (156mmx104mm)
No. of cell and connection	36 (4x9)
Dimension	1014mm (39.9in) x669mm(26.3in)x35mm(1.38in)
Weight	9KG

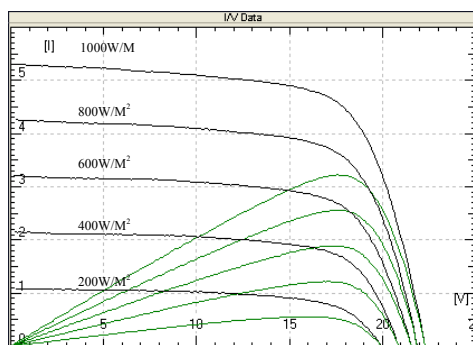
AMBIENT CONDITIONS

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

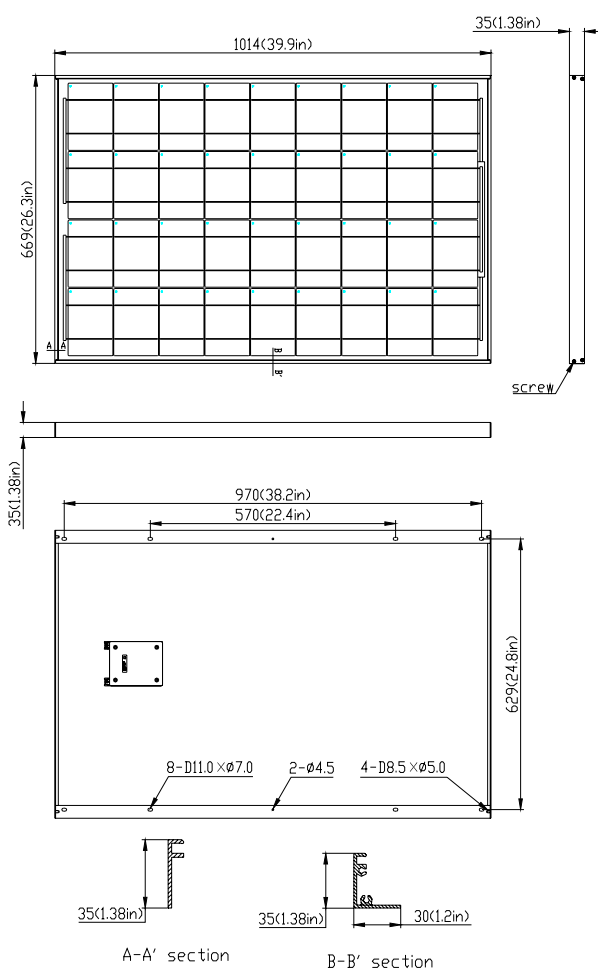
OUT PUT

Type of output terminal	Junction box
Cable	

IV CURVES



OUTLINE DIMENSIONS



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