

SPM080P

Multicrystalline Silicon Photovoltaic Module

FEATURE:

- TUV certification
- UL certification
- High power module using 6" Multicrystalline solar cell.
- Using low iron tempered glass, EVA laminate TPT backsheet.
- Anodize aluminum frame protected.
- 10 years limited warranty of 90% power output and 25 years limited warranty of 80% power output.
- diodes to avoid power decreasing by shade.
- 288 pcs in 20' container, 720 pcs in 40' container.(6 pcs in one carton).



Solartech Power, Inc
13811 Bentley Place, Cerritos, CA 90703
Tel:562-926-1089 Fax:562-926-1021
www.solartechpower.com
sales@solartechpower.com

ELECTRICAL CHARACTERISTICS

	SPM085P	SPM080P	SPM075P
Power at STC (Pm)	85W	80W	75W
Maximum power voltage (Vpm)	17.9V	17.5V	17.3V
Maximum power current (Ipm)	4.75A	4.6A	4.33A
Open circuit voltage (Voc)	21.9V	21.3V	21.2V
Short circuit current (Isc)	5.2A	5.1A	4.7A
Tolerance	±5%	±5%	±5%
Module efficiency	12.5%	11.79%	11.1%
Maximum system voltage	1000V DC		
Standard test conditions	Temperature 25°C, Irradiance 1000W/m ² , AM=1.5		
Temperature coefficient	Isc: 0.06%/K	Voc: -0.36%/K	Pmax: -0.5%/K

Specifications

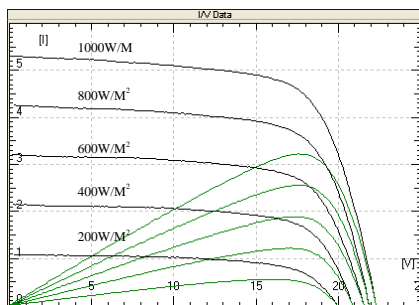
Cell	Multicrystalline silicon solar cell, (156mmx156mm)
No. of cell and connection	36 (4x9)
Dimension	1014mmx669mmx35mm
Weight	9KG

AMBIENT CONDITIONS

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

OUT PUT

Type of output terminal	Junction box
Cable	Length 900mm

IV CURVES

OUTLINE DIMENSIONS
