

## SPM005P

### FEATURE:

- IEC61215, TUV certification
- UL 1703 certification
- Using high efficiency 6" Multicrystalline cells.
- Using low iron tempered glass and an EVA pottant with PET 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** 5Watt 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.:E309468 TUV No.:0000022551 IEC No.:C1-ASN07001



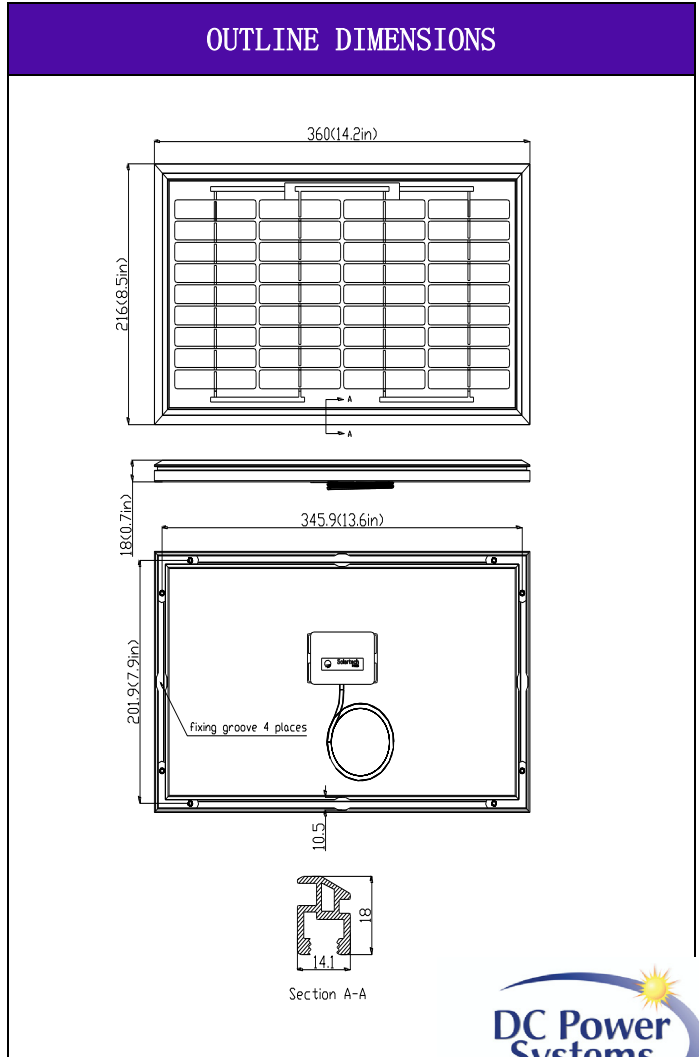
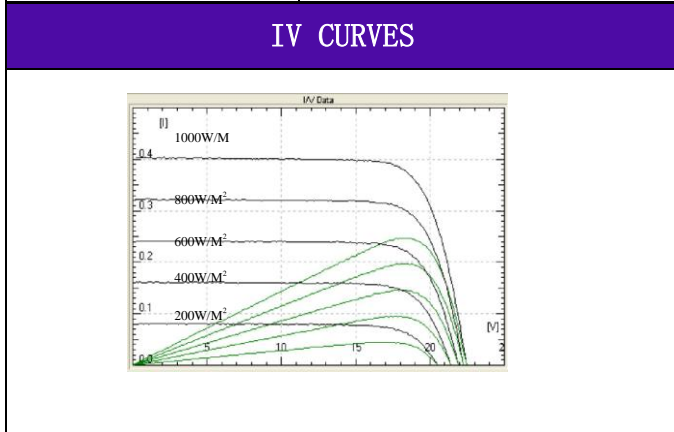
Solartech Power, Inc.  
1070 N. Kraemer Place  
Anaheim, CA 92806 USA  
Tel: 714-630-8880 Fax: 714-630-8887  
[www.solartechpower.com](http://www.solartechpower.com)  
E-mail: [sales@solartechpower.com](mailto:sales@solartechpower.com)

ELECTRICAL CHARACTERISTICS			
	SPM006P	SPM005P	SPM004P
Power at STC (Pm)	6W	5W	4W
Maximum power voltage (Vpm)	17.3V	17.1V	16.2V
Maximum power current (Ipm)	0.35A	0.29A	0.24A
Open circuit voltage (Voc)	21.8V	21.7V	21
Short circuit current (Isc)	0.38A	0.31A	0.28
Tolerance	±5%	±5%	±5%
Module efficiency	7.7%	6.5%	5.1%
Standard test conditions	Temperature 25°C, Irradiance 1000W/m <sup>2</sup> , 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, (78mmx15.6mm)
No. of cell and connection	36 (4x9)
Dimension	360mm (14.2in) x216mm (8.5in)x18mm (0.7in)
Weight	1.2KG

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

OUT PUT	
Type of output terminal	Junction box (without diode and terminal)
Cable	Length 3000mm



UL No.:E309468 TUV No.:000022551 IEC No.:C1-ASN7001



Solartech Power, Inc.  
 1070 N. Kraemer Place  
 Anaheim, CA 92806 USA  
 Tel: 714-630-8880 Fax: 714-630-8887  
 www.solartechpower.com  
 E-mail: [sales@solartechpower.com](mailto:sales@solartechpower.com)

(800) 967-6917  
 www.dcpower-systems.com