

## SMP005P

### 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..
- 2000 pcs in 20' container,4000 pcs in 40' container.



**ELECTRICAL CHARACTERISTICS**

	SPM006P	SPM005P	SPM004P
Power at STC (P <sub>m</sub> )	6W	5W	4W
Maximum power voltage (V <sub>pm</sub> )	17.4V	17.1V	16.2V
Maximum power current (I <sub>pm</sub> )	0.35A	0.29A	0.24A
Open circuit voltage (V <sub>oc</sub> )	21.7V	21.7V	21
Short circuit current (I <sub>sc</sub> )	0.38A	0.31A	0.28
Tolerance	±5%	±5%	±5%
Module efficiency	7.7%	6.5%	5.1%
Maximum system voltage	715V DC		
Standard test conditions	Temperature 25°C, Irradiance 1000W/m <sup>2</sup> , AM=1.5		
Temperature coefficient	I <sub>sc</sub> :0.06%/K	V <sub>oc</sub> :-0.36%/K	P <sub>max</sub> :-0.5%/K

**Specifications**

Cell	Multicrystalline silicon solar cell, (78mmx15.6mm)
No. of cell and connection	36 (4x9)
Dimension	360mmx216mmx18mm
Weight	1 KG

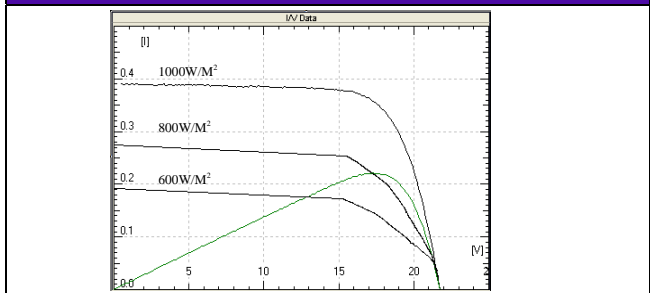
**AMBIENT CONDITIONS**

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

**OUT PUT**

Type of output terminal	Junction box
Cable	Length 3000mm 20AWGx2C

**IV CURVES**



**OUTLINE DIMENSIONS**

