

## SPM170P

### Multicrystalline Silicon Photovoltaic Module

#### FEATURE:

- TUV certification
- UL certification
- High power module using 6” Multicrystalline solar cell.
- Using low iron tempered glass, EVA laminate and black TPT backsheet.
- 3 diodes to increase shade tolerance.
- Anodize aluminum frame protected.
- 10 years limited warranty of 90% power output and 25 years limited warranty of 80% power output..
- 180 pcs in 20’ container, 360pcs in 40’ container.( 2 pcs in one carton)



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## ELECTRICAL CHARACTERISTICS

	SPM180P	SPM175P	SPM170P	SPM165P
Power at STC (Pm)	180W	175W	170W	165W
Maximum power voltage (Vpm)	24.33V	22.76V	23.39V	22.82V
Maximum power current (Ipm)	7.43A	7.71A	7.25A	7.23A
Open circuit voltage (Voc)	29.56V	29.52V	29.04V	29.13V
Short circuit current (Isc)	7.97A	8.13A	7.76A	7.77A
Tolerance	±5%	±5%	±5%	±5%
Module efficiency	13.8%	13.5%	13.10%	12.70%
Maximum system voltage	1000V DC			
Standard test conditions	Temperature 25°C, Irradiance 1000W/m <sup>2</sup> , AM=1.5			
Temperature coefficient	Isc:0.07%/K	Voc:-0.36%/K	Pmax:-0.45%/K	

## Specifications

Cell	Multicrystalline silicon solar cell, (156mmx156mm)
No. of cell and connection	48 (6x8)
Dimension	1309mmx990mmx38.1mm
Weight	14.9KG

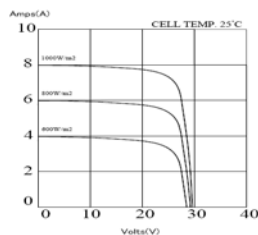
## AMBIENT CONDITIONS

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

## OUT PUT

Type of output terminal	Junction box
Cable	Length 900mm 4.0mm <sup>2</sup>

## IV CURVES



## OUTLINE DIMENSIONS

