



SPM210P

Multiply-crystalline Silicon Photovoltaic Module

FEATURE:

- TUV certification
- UL certification
- High power module using 6" multiply crystalline 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.



ELECTRICAL CHARACTERISTICS				
	SPM230P	SPM220P	SPM210P	SPM200P
Power at STC (Pm)	230W	220W	210W	200W
Maximum power voltage (Vpm)	30.7V	30.3V	30.1V	28.8V
Maximum power current (Ipm)	7.62A	7.44A	7.11A	7.07A
Open circuit voltage (Voc)	37.2V	36.8V	36.5V	36.4V
Short circuit current (Isc)	8.14A	7.95A	7.68A	7.72A
Tolerance	±5%	±5%	±5%	±5%
Module efficiency	13.47%	12.97%	12.47%	11.98%
Maximum system voltage	1000V DC			
Standard test conditions	Temperature 25°C, Irradiance 1000W/m ² , AM=1.5			
Temperature coefficient	Isc: 0.05%/K	Voc: -0.36%/K	Pmax: -0.46%/K	

Specifications	
Cell	Polycrystalline silicon solar cell, (156mmx156mm)
No. of cell and connection	36 (6x10)
Dimension	1640mm (64.6in) x 994mm (39.1in) x 50mm (1.97in)
Weight	18KG

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

Output	
Type of output terminal	Junction box
Cable	Length 900mm

