



ASM005P-A

Multi-crystalline Silicon Photovoltaic Module

FEATURE:

- TUV certification
- UL certification
- High power module using 5" multi-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..
- 2000 pcs in 20' container,4000 pcs in 40' container.

PRODUCT SPECIFICATIONS

ELECTRICAL CHARACTERISTICS			
	ASM005P-A	ASM004P-A	
Power at STC (Pm)	5W	4W	
Maximum power voltage (Vpm)	17.7V	16.8V	
Maximum power current (Ipm)	0.28A	0.24A	
Open circuit voltage (Voc)	21.7V	21	
Short circuit current (Isc)	0.31A	0.28	
Tolerance	±5%	±5%	
Module efficiency	7.6%	6.1%	
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	Multi-crystalline silicon solar cell, (62.5mmx15.6mm)
No. of cell and connection	36 (4x9)
Dimension	216mmx306mmx18mm
Weight	0.8 KG

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

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

