



ASM080P-A

Multicrystalline Silicon Photovoltaic Module

FEATURE:

- TUV certification
- UL certification
- High power module using 5" 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.
- diodes to avoid power decreasing by shade.
- 288 pcs in 20' container, 720 pcs in 40' container.(6 pcs in one carton)

PRODUCT SPECIFICATIONS

ELECTRICAL CHARACTERISTICS				
	ASM085P-A	ASM080P-A	ASM075P-A	
Power at STC (Pm)	85W	80W	75W	
Maximum power voltage (Vpm)	17.9V	17.68V	17.3V	
Maximum power current (Ipm)	4.75A	4.55A	4.33A	
Open circuit voltage (Voc)	21.9V	21.7V	21.2V	
Short circuit current (Isc)	5.2A	4.9A	4.7A	
Tolerance	±5%	±5%	±5%	
Module efficiency	13.1%	12.4%	11.6%	
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	Multicrystalline silicon solar cell, (125mmx125mm)
No. of cell and connection	36 (4x9)
Dimension	1195mmx541mmx30mm
Weight	8KG

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

Output	
Type of output terminal	Junction box
Cable	Length 1000mm

