



## ASM010P

### 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.
- Black anodize aluminum frame protected.
- 10 years limited warranty of 90% power output and 25 years limited warranty of 80% power output.
- 1600 pcs in 20' container, 3520 pcs in 40' container. (20 pcs in one carton)

# PRODUCT SPECIFICATIONS

ELECTRICAL CHARACTERISTICS			
	ASM010P	ASM08P	
Power at STC (Pm)	10W	8W	
Maximum power voltage (Vpm)	17.6V	17.1V	
Maximum power current (Ipm)	0.6A	0.46A	
Open circuit voltage (Voc)	21.7V	21.0V	
Short circuit current (Isc)	0.64A	0.61A	
Tolerance	±5%	±5%	
Module efficiency	9.15%	7.1%	
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	Polycrystalline silicon solar cell, (78mmx26mm)
No. of cell and connection	36 (4x9)
Dimension	368mmx310mmx18mm
Weight	1.5 KG

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

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

