



## ASM020P-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..
- 1200 pcs in 20' container, 2640 pcs in 40' container.( 20 pcs in one carton)

# PRODUCT SPECIFICATIONS

ELECTRICAL CHARACTERISTICS			
	ASM020P-A	ASM018P-A	
Power at STC (Pm)	20W	18W	
Maximum power voltage (Vpm)	17.6V	16.8V	
Maximum power current (Ipm)	1.14A	1.05A	
Open circuit voltage (Voc)	21.7V	21.0V	
Short circuit current (Isc)	1.25A	1.1A	
Tolerance	±5%	±5%	
Module efficiency	10.0%	8.9%	
Maximum system voltage	1000V DC		
Standard test conditions	Temperature 25°C, Irradiance 1000W/m <sup>2</sup> , AM=1.5		
Temperature coefficient	Isc: 0.06%/K	Voc: -0.36%/K	Pmax: -0.5%/K

Specifications	
Cell	multi-crystalline silicon solar cell, (125mmx31.25mm)
No. of cell and connection	36 (4x9)
Dimension	656mmx306mmx18mm
Weight	2.5KG

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

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

