

## ASM040P-B

### 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.
- 576 pcs in 20' container, 1440 pcs in 40' container.( 6 pcs in one carton)

# PRODUCT SPECIFICATIONS

## ELECTRICAL CHARACTERISTICS

	ASM045P-B	ASM040P-B	
Power at STC (Pm)	45W	40W	
Maximum power voltage (Vpm)	18.2V	17.2V	
Maximum power current (Ipm)	2.45A	2.4A	
Open circuit voltage (Voc)	22.4V	22.0V	
Short circuit current (Isc)	2.65A	2.58A	
Tolerance	±5%	±5%	
Module efficiency	11.9%	10.64%	
Maximum system voltage	1000V DC		
Standard test conditions	Temperature 25°C, Irradiance 1000W/m², AM=1.5		
Temperature coefficient	Isc: 0.07%/K	Voc: -0.36%/K	Pmax: -0.45%/K

## Specifications

Cell	Polycrystalline silicon solar cell, (156mmx52mm)
No. of cell and connection	36 (4x9)
Dimension	665mmx537mmx30mm
Weight	4.5KG

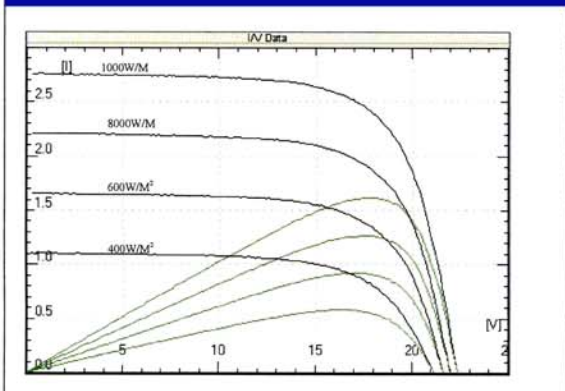
## AMBIENT CONDITIONS

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

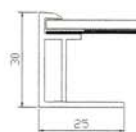
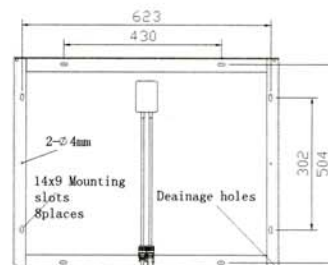
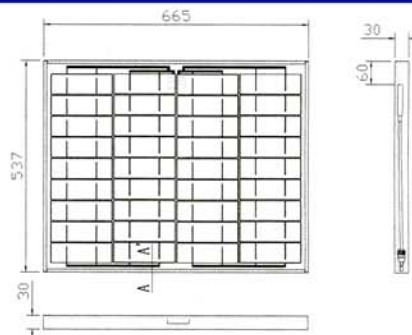
## Output

Type of output terminal	Junction box
Cable	Length 3000mm

## IV CURVES



## OUTLINE DIMENSIONS



Section A-A