

SPM055P

Multicrystalline Silicon Photovoltaic Module

FEATURE:

- TUV certification
- UL certification
- High power module using 6" 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.




Solartech Power, Inc.
SPECIFICATIONS
ELECTRICAL CHARACTERISTICS

	SPM055P	SPM050P
Power at STC (Pm)	55W	50W
Maximum power voltage (Vpm)	18.18V	17.46V
Maximum power current (Ipm)	3.1A	2.98A
Open circuit voltage (Voc)	22.1V	21.89V
Short circuit current (Isc)	3.31A	3.23A
Tolerance	±5%	±5%
Module efficiency	13.2%	12.0%
Maximum system voltage	1000V DC	
Standard test conditions	Temperature 25°C, Irradiance 1000W/m ² , AM=1.5	
Temperature coefficient	Isc:0.05%/ °C	Voc:-0.36%/°C Pmax:-0.46%/°C

Specifications

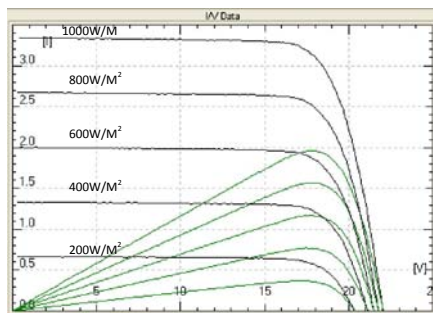
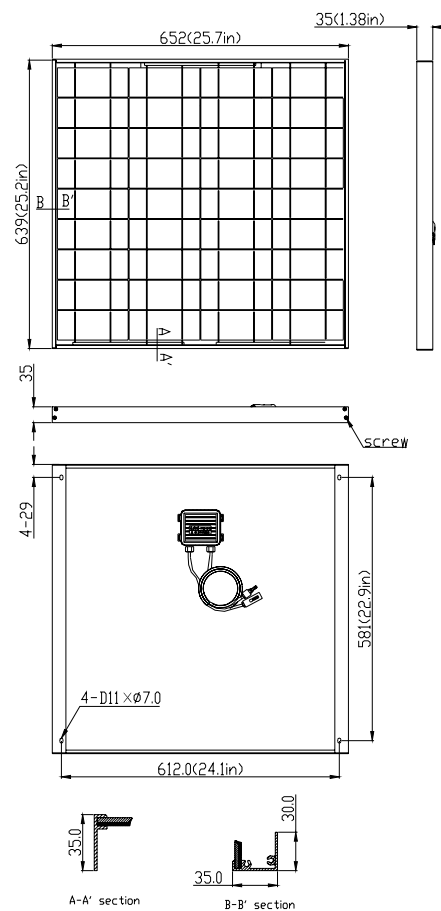
Cell	Multicrystalline silicon solar cell, (156mmx65mm)
No. of cell and connection	36 (4x9)
Dimension	652 (25.7in) mmx639 (25.2in) mmx35 (1.38in) mm
Weight	6.0KG

AMBIENT CONDITIONS

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

Output

Type of output terminal	Junction box
Cable	Length 900mm

IV CURVES

OUTLINE DIMENSIONS


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