



Solartech Power, Inc.

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

Model	SPM055M-F		SPM050M-F
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%
Standard test conditions	Temperature 25°C, Irradiance 1000W/m², AM=1.5		
Maximum system voltage	1000V DC	Series fuse rating	10A
Temperature coefficient	Isc: 0.05%/°C	Voc: -0.36%/°C	Pmax: -0.46%/°C

Specifications

Cell	Monocrystalline silicon solar cell, (156mmx65mm)
No. of cell and connection	36 (4x9)
Dimension	652 (25.7in) mm x 639 (25.2in) mm x 35 (1.38in) mm
Weight	6.0KG

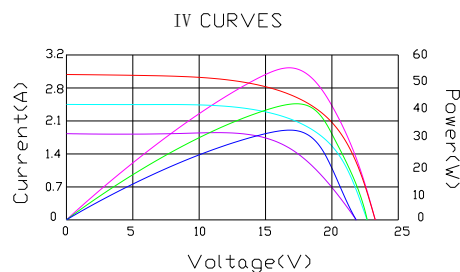
AMBIENT CONDITIONS

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

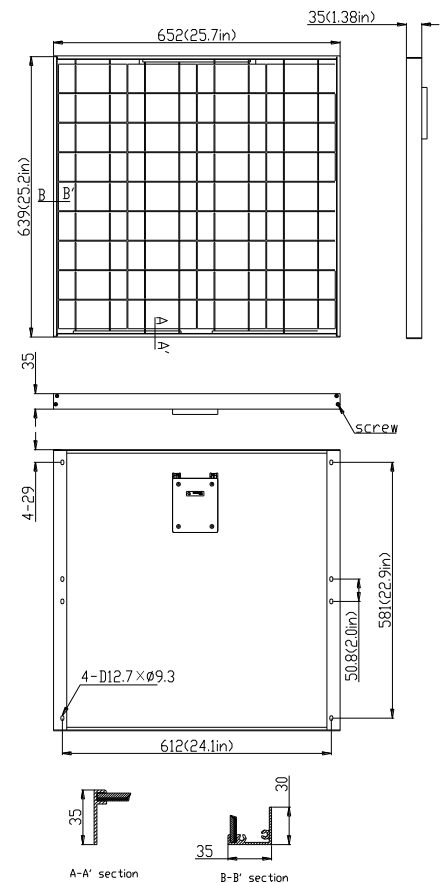
Output

Type of output terminal	Junction box
Cable	

IV CURVES



OUTLINE DIMENSIONS



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