

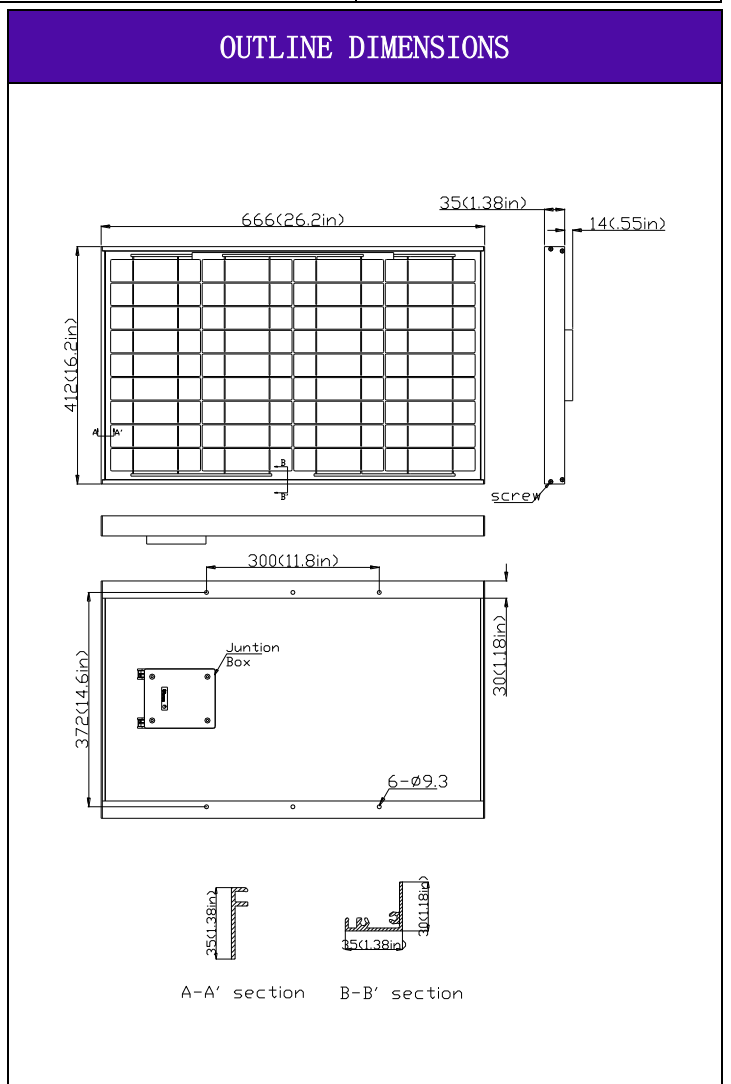
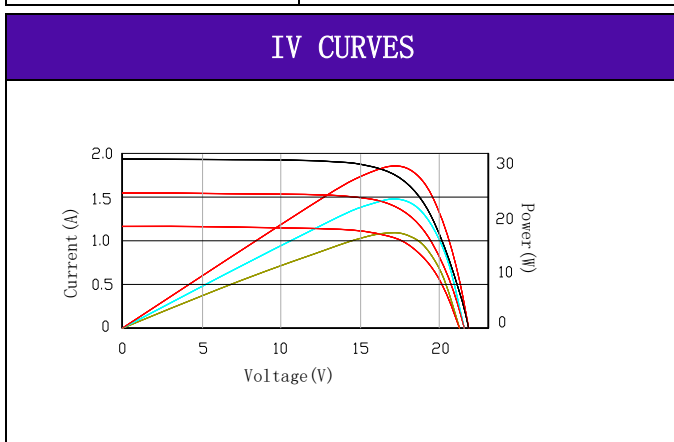

Solartech Power, Inc.
SPECIFICATIONS

ELECTRICAL CHARACTERISTICS			
Model	SPM045M-F		
Power at STC (Pm)	45W		
Maximum power voltage (Vpm)	20.1V		
Maximum power current (Ipm)	2.33A		
Open circuit voltage (Voc)	24.5V		
Short circuit current (Isc)	2.5A		
Tolerance	±5%		
Module efficiency	16.4%		
Standard test conditions	Temperature 25°C, Irradiance 1000W/m ² , AM=1.5		
Maximum system voltage	1000V DC	Series fuse rating	15A
Temperature coefficient	Isc: 0.05%/K	Voc: -0.36%/K	Pmax: -0.46%/K

Specifications	
Cell	Monocrystalline silicon solar cell, (156mmx39mm)
No. of cell and connection	36 (4x9)
Dimension	666mm (26.2in) x 412mm (16.2in) x 35mm (1.38in)
Weight	3.5KG

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

OUT PUT	
Type of output terminal	Junction box
Cable	



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