



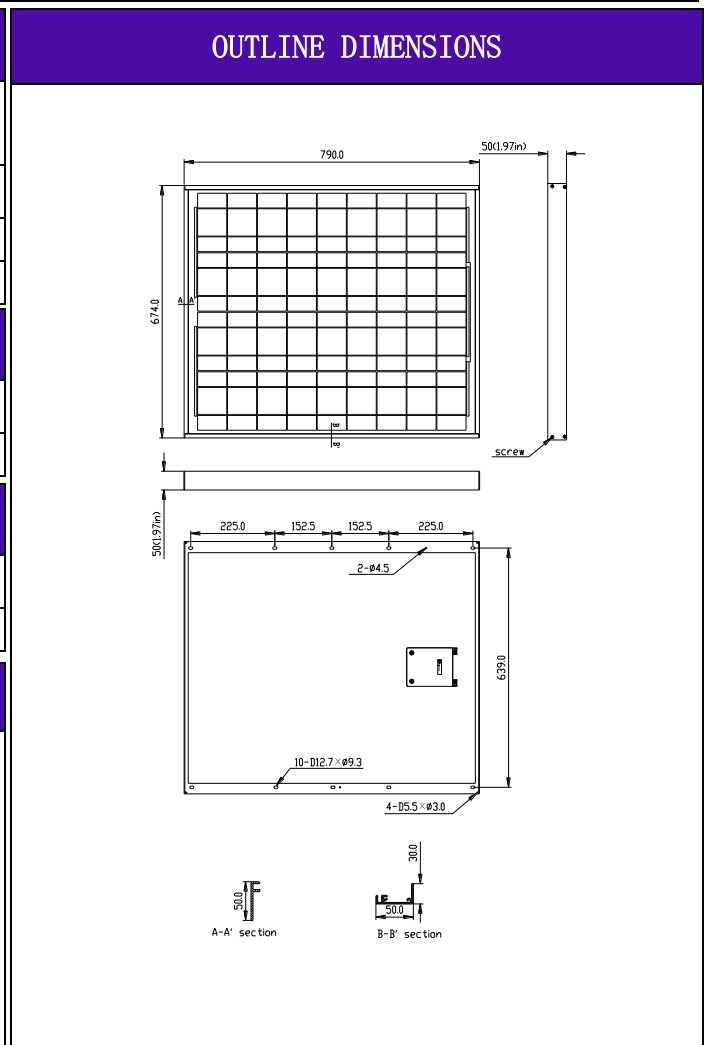
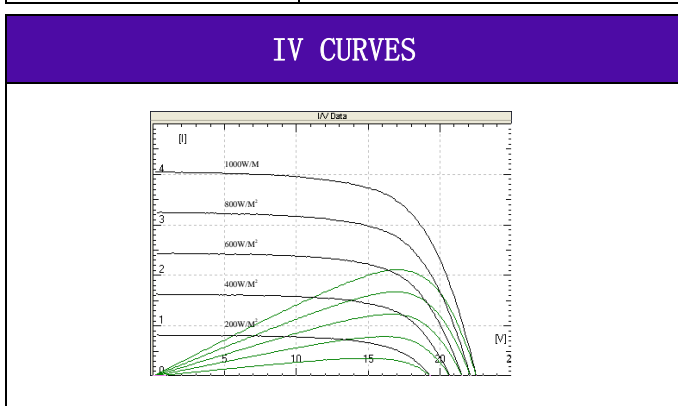
# SPECIFICATIONS

ELECTRICAL CHARACTERISTICS			
Model	SPM090M-BP		
Power at STC (Pm)	90W		
Maximum power voltage (Vpm)	20.1V		
Maximum power current (Ipm)	4.65A		
Open circuit voltage (Voc)	24.5V		
Short circuit current (Isc)	5.0A		
Tolerance	±5%		
Module efficiency	16.9%		
Standard test conditions	Temperature 25°C, Irradiance 1000W/m <sup>2</sup> , 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, (156mmx78mm)
No. of cell and connection	36 (4x9)
Dimension	790mm (31.1in) x 674mm (26.5in) x 50mm (1.97in)
Weight	7.0KG

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

Output	
Type of output terminal	Junction box
Cable	



**SOLARTECH POWER, INC.**  
 901 E CEDAR ST  
 ONTARIO, CA 91761 USA  
[www.solartechpower.com](http://www.solartechpower.com)  
[sales@solartechpower.com](mailto:sales@solartechpower.com)  
 TOLL: 866-777-6527  
 TEL: 909-673-0178  
 FAX: 909-947-2919