



SPECIFICATIONS

ELECTRICAL CHARACTERISTICS			
Model	SPM045M-BP	SPM040M-BP	
Power at STC (Pm)	45W	40W	
Maximum power voltage (Vpm)	18.3V	17.3V	
Maximum power current (Ipm)	2.52A	2.31A	
Open circuit voltage (Voc)	22.2V	21.0V	
Short circuit current (Isc)	2.69A	2.54A	
Tolerance	±5%	±5%	
Module efficiency	13.10%	11.4%	
Standard test conditions	Temperature 25°C, Irradiance 1000W/m ² , AM=1.5		
Maximum system voltage	1000V DC	Series fuse rating	12A
Temperature coefficient	Isc: 0.05%/K	Voc: -0.36%/K	Pmax: -0.46%/K

Specifications	
Cell	Monocrystalline silicon solar cell, (156mmx48mm)
No. of cell and connection	36 (3x12)
Dimension	650mm (25.6in) x 537mm (21.2in) x 50mm (1.97in)
Weight	4.9KG

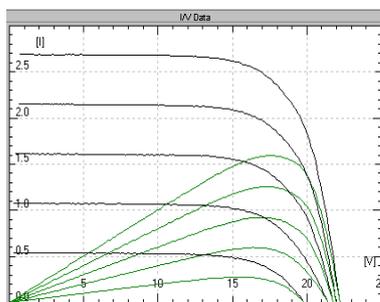
AMBIENT CONDITIONS

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

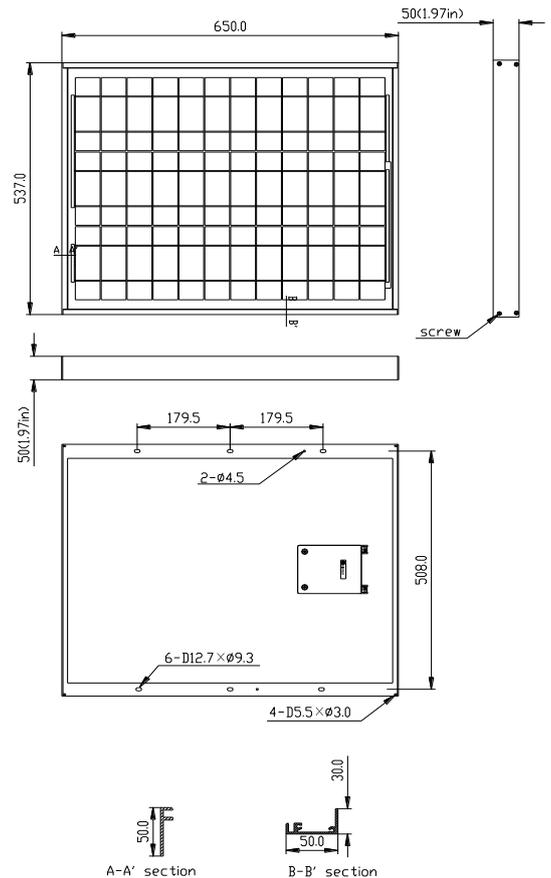
Output

Type of output terminal	Junction box
Cable	

IV CURVES



OUTLINE DIMENSIONS



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