



Solartech Power, Inc.

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

Model	SPC100M-MC4-12V		
Power at STC(P _m)	100W		
Maximum power voltage(V _{pm})	20.1V		
Maximum power current(I _{pm})	5.03A		
Open circuit voltage(V _{oc})	24.5V		
Short circuit current(I _{sc})	5.46A		
Tolerance	±5%		
Module efficiency	18.8%		
Standard test conditions	Temperature 25°C, Irradiance 1000W/m², AM=1.5		
Maximum system voltage	1500V DC	Series fuse rating	15A
Temperature coefficient	I _{sc} :0.05%/K	V _{oc} : -0.36%/K	P _{max} : -0.46%/K

Specifications

Cell	Monocrystalline silicon solar cell, (158.75mmx79.375mm)
No. of cell and connection	36 (4x9)
Dimension	778mm (30.6in) x685mm (27.0in)x35mm (1.38in)
Weight	8KG

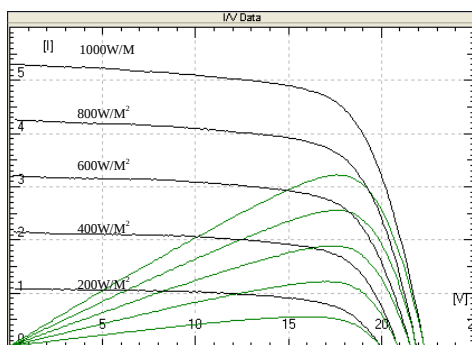
AMBIENT CONDITIONS

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

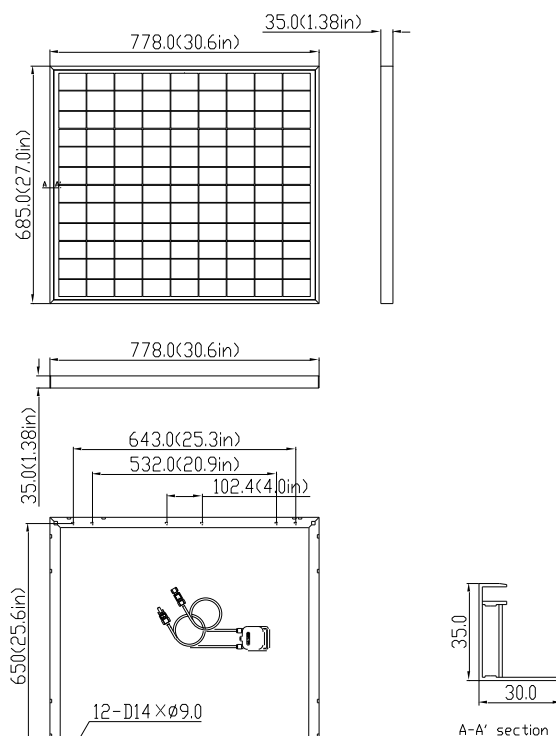
OUT PUT

Type of output terminal	Junction box
Cable	Length 900mm +MC4 Connectors

IV CURVES



OUTLINE DIMENSIONS



SOLARTECH POWER, INC.

901 E CEDAR ST

ONTARIO, CA 91761 USA

www.solartechpower.com

sales@solartechpower.com

TOLL: 866-777-6527

TEL: 909-673-0178

FAX: 909-947-2919