

ELECTRICAL CHARACTERISTICS

STP085P-TSS			
Power at STC (Pm)	85W		
Maximum power voltage (Vpm)	17.9V		
Maximum power current (Ipm)	4.84A		
Open circuit voltage (Voc)	21.9V		
Short circuit current (Isc)	5.17A		
Tolerance	±5%		
Module efficiency	14.5%		
Standard test conditions	Temperature 25°C, Irradiance 1000W/m ² , AM=1.5		
Maximum system voltage	600V DC	Series fuse rating	10A
Temperature coefficient	Isc:0.05%/K	Voc:-0.36%/K	Pmax:-0.46%/K

Specifications

Cell	Multicrystalline silicon solar cell
No. of cell and conn.	36 (4x9)
Dimension	874mm (34.4in) x 669mm (26.3in) x 35mm (1.38in)
Weight	7KG

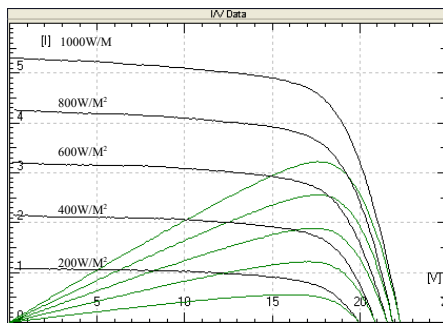
AMBIENT CONDITIONS

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

OUT PUT

Type of output terminal	Junction box
Cable	L: 900mm

IV CURVES



OUTLINE DIMENSIONS

