

ELECTRICAL CHARACTERISTICS

Model	STP90P-NS		
Power at STC(Pm)	90W		
Maximum power voltage(Vpm)	18.7V		
Maximum power current(Ipm)	4.94A		
Open circuit voltage(Voc)	22.3V		
Short circuit current(Isc)	5.24A		
Tolerance	±5%		
Module efficiency	14.1%		
Standard test conditions	Temperature 25°C, Irradiance 1000W/m², 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(3x12)
Dimension	1231mm(48.5in)x519mm(20.4in)x35mm(1.38in)
Weight	7.8KG 17.2 lbs

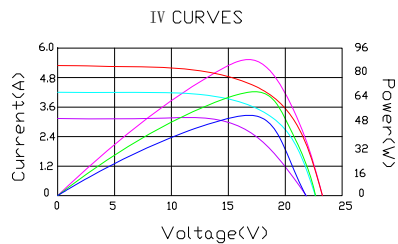
AMBIENT CONDITIONS

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

Output

Type of output terminal	Junction box
Cable	L:900mm

IV CURVES



OUTLINE DIMENSIONS

