

ELECTRICAL SPECIFICATIONS

Model NO.	FL095P	FL100P
Peak power(Pmax)	95W	100W
Maximum power voltage(Vmp)	17.8V	18V
Maximum power current(Imp)	5.33A	5.56A
Short-circuit current(Isc)	5.65A	5.89A
Open circuit voltage(Voc)	22.1V	22.4V
Cell efficiency(η)	16.80%	17.20%
Power tolerance:	$\pm 3\%$	
Operating temperature	-40°C to $+85^{\circ}\text{C}$	
Maximum system voltage	715VDC	

TEMPERATURE COEFFICIENT

Current temperature coefficient	0.037%/°C
Voltage temperature coefficient	-0.34%/°C
Power temperature coefficient	-0.48%/°C

STC: Irradiance of 1000W /m2, AM 1.5, Cell Temperature of 25°C

MECHANICAL SPECIFICATIONS

Cell Type	156mm x 156mm
Number of Cells	36 cells in series
Weight	8.7 kg (19.14 lbs)
Dimension	1000x670x30mm
Max Load	5400 Pascals (112 lb/ft2)
Junction Box	
Cable/Connector	

ELECTRICAL SPECIFICATIONS

Model NO.	FL115P	FL120P
Peak power(Pmax)	115W	120W
Maximum power voltage(Vmp)	17.8V	18V
Maximum power current(Imp)	6.46A	6.67A
Short-circuit current(Isc)	6.84A	7.06A
Open circuit voltage(Voc)	22.1V	22.4V
Cell efficiency(η)	16.80%	17.20%
Power tolerance:	$\pm 3\%$	
Operating temperature	-40°C to $+85^{\circ}\text{C}$	
Maximum system voltage	715VDC	

TEMPERATURE COEFFICIENTS

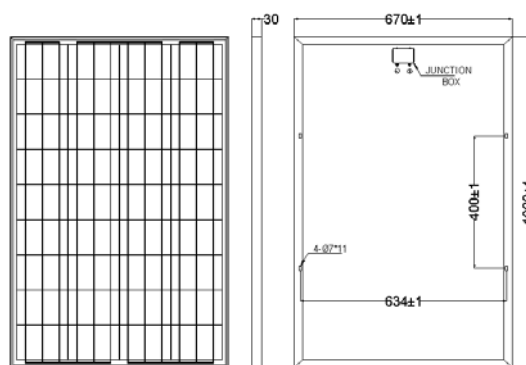
Current temperature coefficient	0.037%/°C
Voltage temperature coefficient	-0.34%/°C
Power temperature coefficient	-0.48%/°C

STC: Irradiance of 1000W /m2, AM 1.5, Cell Temperature of 25°C

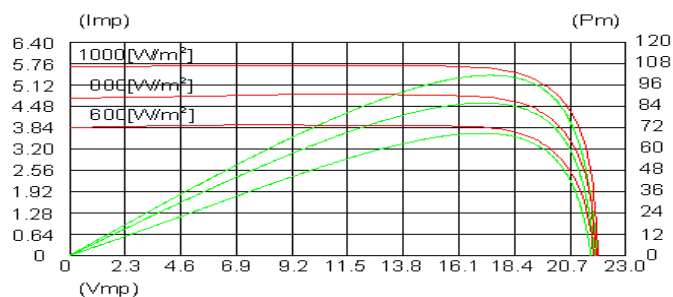
MECHANICAL SPECIFICATIONS

Cell Type	156mm x 156mm
Number of Cells	36 cells in series
Weight	10.3 kg (22.66bs)
Dimension	1185x670x30mm
Max Load	5400 Pascals (112 lb/ft2)
Junction Box	
Cable/Connector	

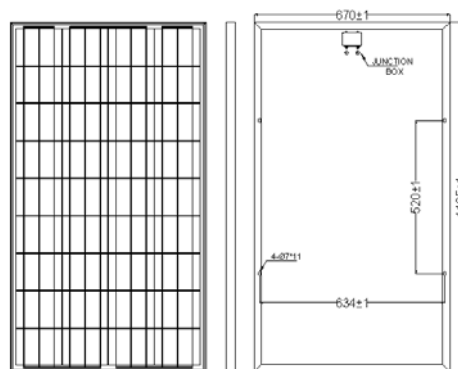
PHYSICAL CHARACTERISTICS



ELECTRICAL CHARACTERISTICS



PHYSICAL CHARACTERISTICS



ELECTRICAL CHARACTERISTICS

