FOR LEAVES LIMITED

36 CELLS

FL095P FL100P

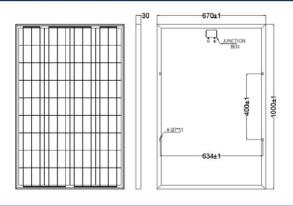
www.forleaves.com forleaveslimited@gmail.com

POLYCRYSTALLINE

FL115P FL120P

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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:	±3%	
Operating temperature	-40℃ t	o +85°C
Maximum system voltage 715V		VDC



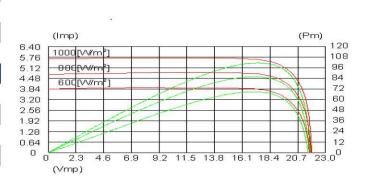
TEMPERATURE COEFFICIENT

FLECTRICAL SPECIFICATIONS

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

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

ELECTRICAL CHARACTERISTICS



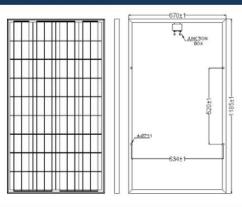
MECHANICAL SPECIFICATIONS

Cell Type	156mm x 156mm
Number of Cells	36 cells in series
Weight	8.7 kg (19.14 lbs)
Dimension	1000×670×30mm
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:	±3%	
Operating temperature	-40°C t	o +85°C
Maximum system voltage	715	VDC

PHYSICAL CHARACTERISTICS



TEMPERATURE COEFFICIENTS

Current temperature coefficient	0.037%/℃
Voltage temperature coefficient	-0.34%/℃
Power temperature coefficient	-0.48%/℃

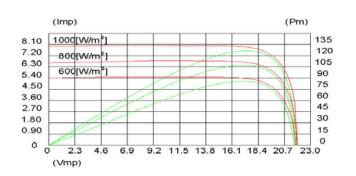
STC: Irradiance of 1000W /m2, AM 1.5, Cell Temperature of 25°C

MECHANICAL SPECIFICATIONS

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156mm x 156mm		
36 cells in series		
10.3 kg (22.66bs)		
1185×670×30mm		
5400 Pascals (112 lb/ft2)		

Cable/Connector

ELECTRICAL CHARACTERISTICS



^{*}Due to continuous innovation, research and product improvement, the specifications are subject to change without prior notice.