

ELECTRICAL SPECIFICATIONS

Model NO.	FL140P	FL145P	FL150P	FL155P	FL160P
Peak power(Pmax)	140W	145W	150W	155W	160W
Maximum power voltage(Vmp)	17.8V	17.8V	18.0V	18.2V	18.5V
Maximum power current(Imp)	7.86A	8.15A	8.33A	8.51A	8.64A
Short-circuit current(Isc)	8.49A	8.88A	8.99A	9.19A	9.34A
Open circuit voltage(Voc)	21.8V	22.2V	22.3V	22.5V	22.6V
Optimized cell efficiency(η)	16.00%	16.60%	17.20%	17.60%	18.20%
Power tolerance:	0~+3%				
Maximum system voltage	1000VDC				

TEMPERATURE COEFFICIENT

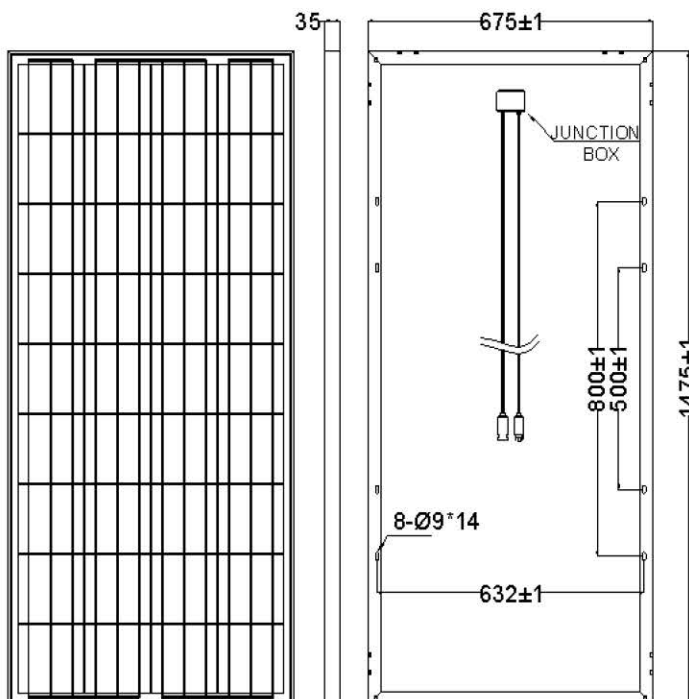
Current temperature coefficient	0.037%/°C
Voltage temperature coefficient	-0.34%/°C
Power temperature coefficient	-0.48%/°C

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	14.5 kg (31.9 lbs)
Dimension	1475x675x35mm
Front Glass	3.2mm tempered glass
Frame	Anodized aluminum alloy
Max Load	5400 Pascals (112 lb/ft2)
Junction Box	IP65
Cable/Connector	900mm /MC4 Compatible

PHYSICAL CHARACTERISTICS



ELECTRICAL CHARACTERISTICS

