

ELECTRICAL SPECIFICATIONS

Model No.	FL160M	FL170M	FL180M	FL190M
Peak power(Pmax)	160W	170W	180W	190W
Maximum power voltage(Vmp)	18.5V	18.9V	20.0V	20.1V
Maximum power current(Imp)	8.64A	8.99A	9.0A	9.45A
Short-circuit current(Isc)	9.34A	9.78A	9.4A	9.95A
Open circuit voltage(Voc)	22.6V	22.8V	23.4V	24.19V
Module efficiency	16.11%	17.12%	18.12%	19.13%
Power tolerance:	+/-3%			
Maximum system voltage	1000VDC			

TEMPERATURE COEFFICIENT

Current temperature coefficient	0.06%/°C
Voltage temperature coefficient	-0.30%/°C
Power temperature coefficient	-0.40%/°C

STC: 1000W /m2, AM 1.5, 25°C

Noct 45±2°C

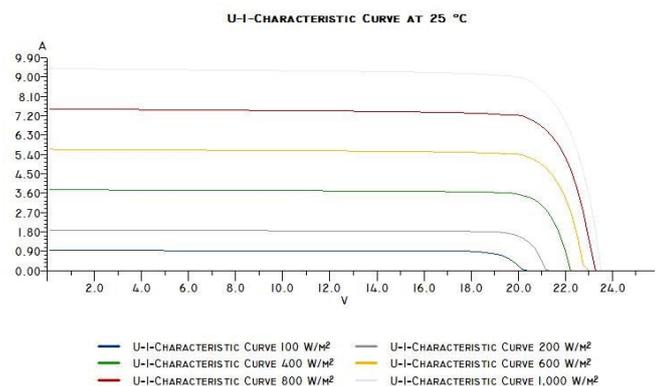
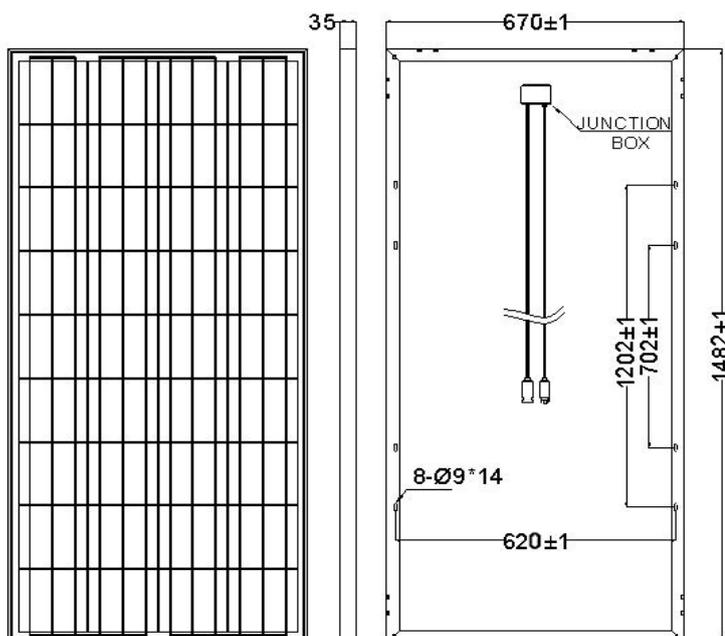
ELECTRICAL CHARACTERISTICS



MECHANICAL SPECIFICATIONS

Cell Type	156mm x 156mm
Number of Cells	36 cells in series
Weight	11.5 kg
Dimension	1475×675×35mm
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



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

*The data do not refer to a single module and they are not part of the offer, they only serve for comparison to different module types.

25-year performance warranty

5-year warranty on materials and workmanship