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EnergyPal

Solar Panel Guide Specification Data Sheet

**For Leaves Limited
Poly 255-275
FL255P**

Also available on the web at
EnergyPal.com/for-leaves-limited-solar-panels/fl255p

ELECTRICAL SPECIFICATIONS

Model NO.	FL255P	FL260P	FL265P	FL270P	FL275P
Peak power(Pmax)	255W	260W	265W	270W	275W
Maximum power voltage(Vmp)	30.3V	30.6V	31.0V	31.3V	31.7V
Maximum power current(Impp)	8.36A	8.50A	8.56A	8.63A	8.69A
Short-circuit current(Isc)	8.41A	8.97A	9.04A	9.09A	9.17A
Open circuit voltage(Voc)	37.6V	37.9V	38.2V	38.5V	38.7V
Module efficiency	15.70%	16.00%	16.30%	16.60%	16.90%
Power tolerance:	0~+3%				
Maximum system voltage	1000VDC				

TEMPERATURE COEFFICIENT

Current temperature coefficient	+0.06%/°C
Voltage temperature coefficient	-0.31%/°C
Power temperature coefficient	-0.40%/°C
STC: 1000W /m2, AM 1.5, 25°C	Noct 45±2°C

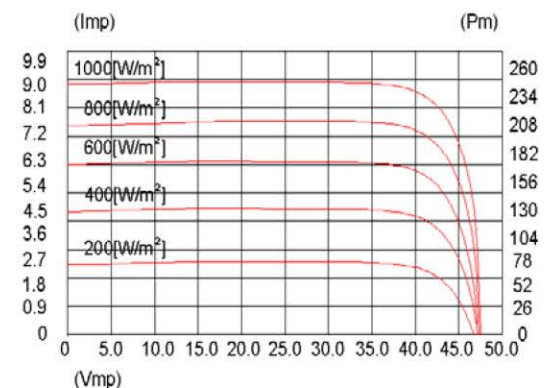
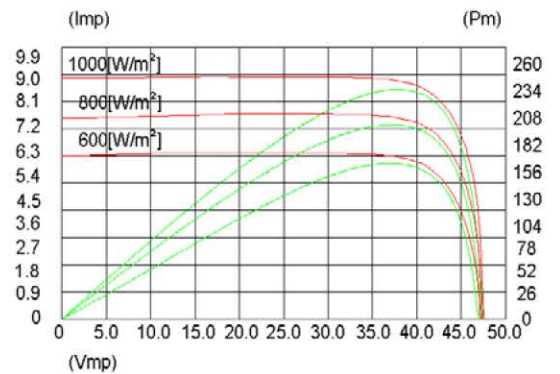
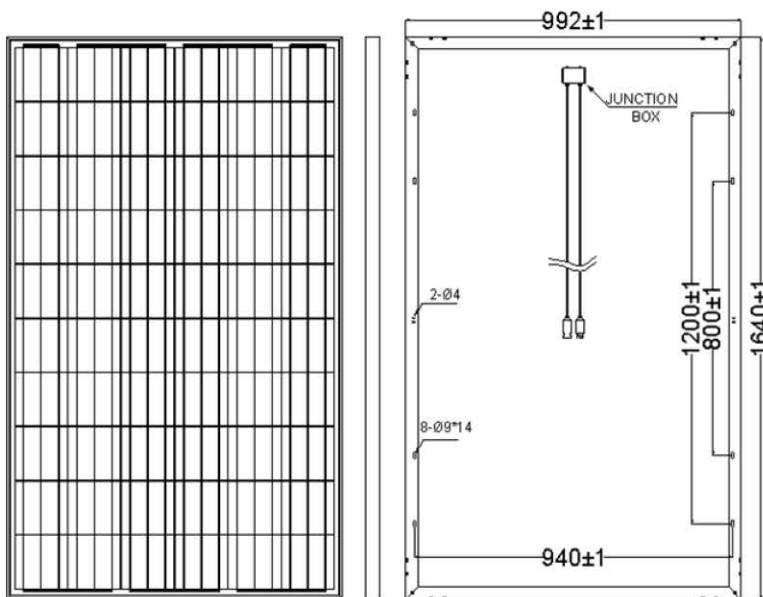
ELECTRICAL CHARACTERISTICS



MECHANICAL SPECIFICATIONS

Cell Type	156mm x 156mm
Number of Cells	60 cells in series
Weight	17.5 kg (38.5 lbs)
Dimension	1640×992×35mm
Front Glass	3.2mm High Transmission, Tempered
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

10-year warranty on materials and workmanship