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# **EnergyPal**

## **Solar Panel Guide Specification Data Sheet**

**For Leaves Limited  
Mono 260-280  
FL265M**

Also available on the web at  
[EnergyPal.com/for-leaves-limited-solar-panels/fl265m](http://EnergyPal.com/for-leaves-limited-solar-panels/fl265m)

### ELECTRICAL SPECIFICATIONS

Model No.	FL260M	FL265M	FL270M	FL275M	FL280M
Peak power(Pmax)	260W	265W	270W	275W	280W
Maximum power voltage(Vmp)	30.8V	31.0V	31.3V	31.5V	31.8V
Maximum power current(Imp)	8.44A	8.56A	8.64A	8.73A	8.81A
Short-circuit current(Isc)	9.05A	9.18A	9.24A	9.30A	9.35A
Open circuit voltage(Voc)	38.1V	38.3V	38.5V	38.7V	38.9V
Optimized cell efficiency( $\eta$ )	16.00%	16.30%	16.60%	16.90%	17.20%
Power tolerance:	0~+3%				
Maximum system voltage	1000VDC				

### TEMPERATURE COEFFICIENT

Current temperature coefficient	+0.05%/°C
Voltage temperature coefficient	-0.30%/°C
Power temperature coefficient	-0.39%/°C
STC: 1000W /m2, AM 1.5, 25°C	Noct 45±2°C

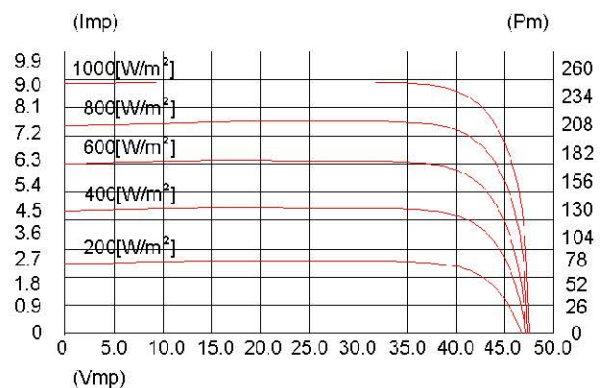
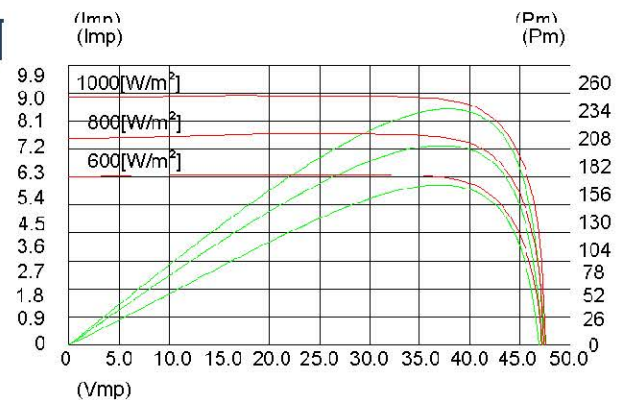
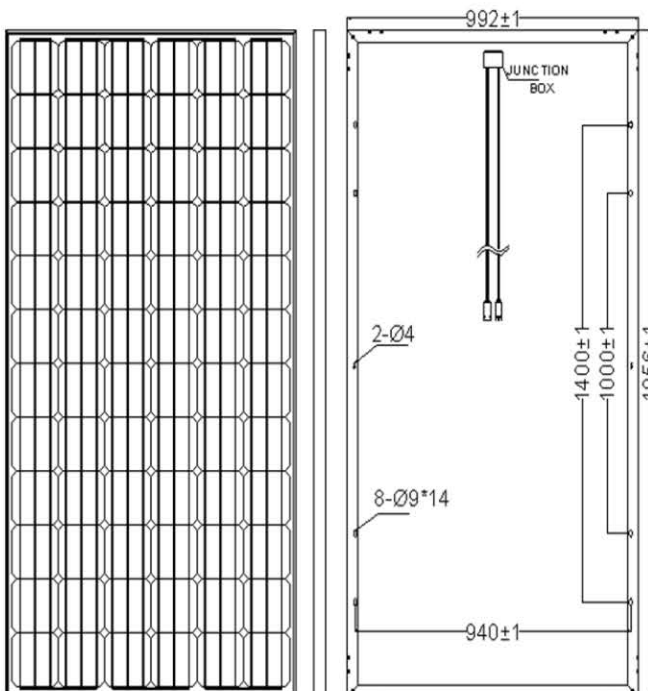
### ELECTRICAL CHARACTERISTICS



### MECHANICAL SPECIFICATIONS

Cell Type	156mm x 156mm
Number of Cells	60 cells in series
Weight	18.5 kg (40.8 lbs)
Dimension	1640x992x35mm
Front Glass	3.2mm High Transmission, Tempered
Frame	Anodized aluminum alloy
Max Load	5400 Pascals ( 112 lb/ft2)
Junction Box	IP65/IP67
Cable/Connector	900mm /MC4 Compatible

### PHYSICAL CHARACTERISTICS



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

25-year performance warranty

\*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.

10-year warranty on materials and workmanship