

Sunny Inspire



Flexible PV Solar Modules: Key Features & Benefits

- Aesthetically using clear surface back-contact cells
- Made with light weight polymer materials, suitable to install on a curved surface
- N-type solar cell has no LID naturally
- Lower hot spot temperature, higher safety
- Lower shadow-blocking loss
- Better weak illumination response

Electrical Specifications

Model Type	GW-250FXC
Peak Power (Pmax)	250W
Module Efficiency	20.60%
Maximum Power Voltage (Vmp)	38.1V
Maximum Power Current (Imp)	6.57A
Open Circuit Voltage (Voc)	43.5V
Short Circuit Current (Isc)	6.96A
Power Tolerance	0~4.99W
Maximum System Voltage	600V
Normal Operating Cell Temp.	46 °C (+/- 2)

Mechanical Specifications

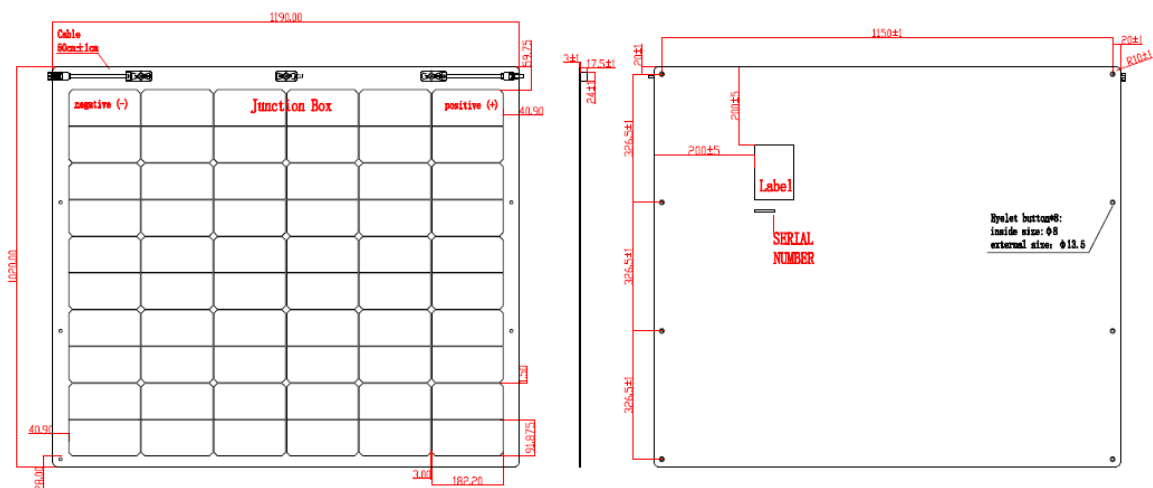
Cell type	IBC
Number of cells	6 x 10, total 60 cells
Weight	3.74kg [8.25lbs]
Dimensions	1020 x 1190 mm [40.16 x 24.80 in]
Thickness	3mm [0.12in] Including jbox: 18mm [0.71in]
Junction Box	IP 67 waterproof
Cables	4.00mm ² , 500mm
Connectors	MC4 compatible

Temperature Coefficients

Power	-0.290%/°C
Voltage	- 0.230%/°C
Current	+0.050%/°C

Warranties & Certifications

Warranties	2 years product warranty, 25 years limited power warranty of 80% of the minimum specified power rating
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Unit: mm

Note: All electrical parameters are rated at standard test conditions (irradiance of 1000W/m², AM 1.5G, cell temperature 77°F/25°C)

Caution: Read Safety and Installation Instruction before using this product.

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