

# 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-120FXC
Peak Power (Pmax)	120W
Module Efficiency	18.67%
Maximum Power Voltage (Vmp)	18.7V
Maximum Power Current (Imp)	6.45A
Open Circuit Voltage (Voc)	21.8V
Short Circuit Current (Isc)	6.85A
Power Tolerance	0~4.99W
Maximum System Voltage	600V
Normal Operating Cell Temp.	46 °C (+/- 2)

### Mechanical Specifications

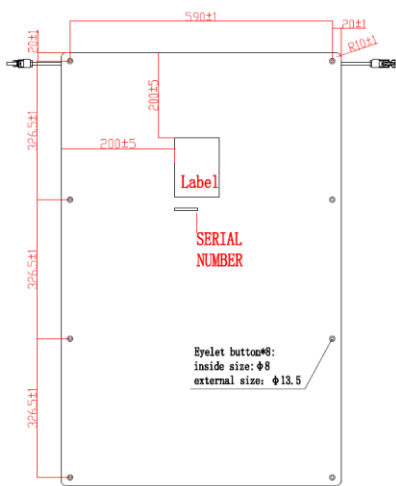
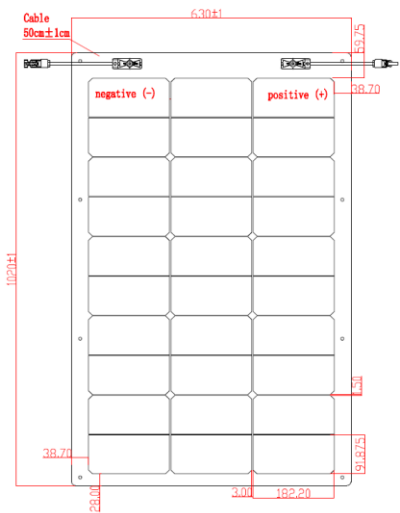
Cell type	IBC
Number of cells	3 x 10, total 30 cells
Weight	4.8kg [10.58lbs]
Dimensions	1020 x 630 mm [40.16 x 24.80 in]
Thickness	3mm [0.12in] Including jbox: 18mm [0.71in]
Junction Box	IP 67 waterproof
Cables	4.00mm <sup>2</sup> , 500mm
Connectors	MC4 compatible

### 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
------------	--



Unit: mm

Note: All electrical parameters are rated at standard test conditions (irradiance of 1000W/m<sup>2</sup>, AM 1.5G, cell temperature 77°F/25°C)

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

2025 Sunny Inspire Limited. All right reserved. Specifications included in this datasheet are subject to change without notice.

**Sunny Inspire** Limited

[www.sunnyinspire.com](http://www.sunnyinspire.com)

Rm 1505, 15/F Star House, No. 3 Salisbury Rd, TST, KLN, Hong Kong | T: +852-2736 2080 | [info@sunnyinspire.com](mailto:info@sunnyinspire.com)