



## High Efficiency Mono-crystalline Flexible Photovoltaic Module

### Overview

- High efficiency solar cells with quality silicon material for high module conversion efficiency and long term output stability and reliability.
- Rigorous quality control to meet the highest international standards.
- Outstanding electrical performance under high temperature and weak light environments.

### Applications

- Any off-grid solar power stations.

### Warranty

- 1 year limited product warranty on materials and workmanship.
- Refer to warranty document for detailed warranty information.

### Certifications

- CE



### Mechanical Specifications (L/W dimensions may vary up to 3mm)

Characteristic	Details
Cell Size	125mm x 125mm (4.92" x 4.92")
Module Dimension (L x W x T)	1165mm x 569mm x 2mm (45.87" x 22.4" x 0.079")
No. of Cells	32
Weight	2.0 kg (4.4 lbs)
Cable Length	450 mm for positive (+) and negative (-)
Type of Connector	MC-IV comparable
Junction Box	NA
No. of Holes in Frame	4 installation holes

# MODEL: GS-FLEX-100W-SP

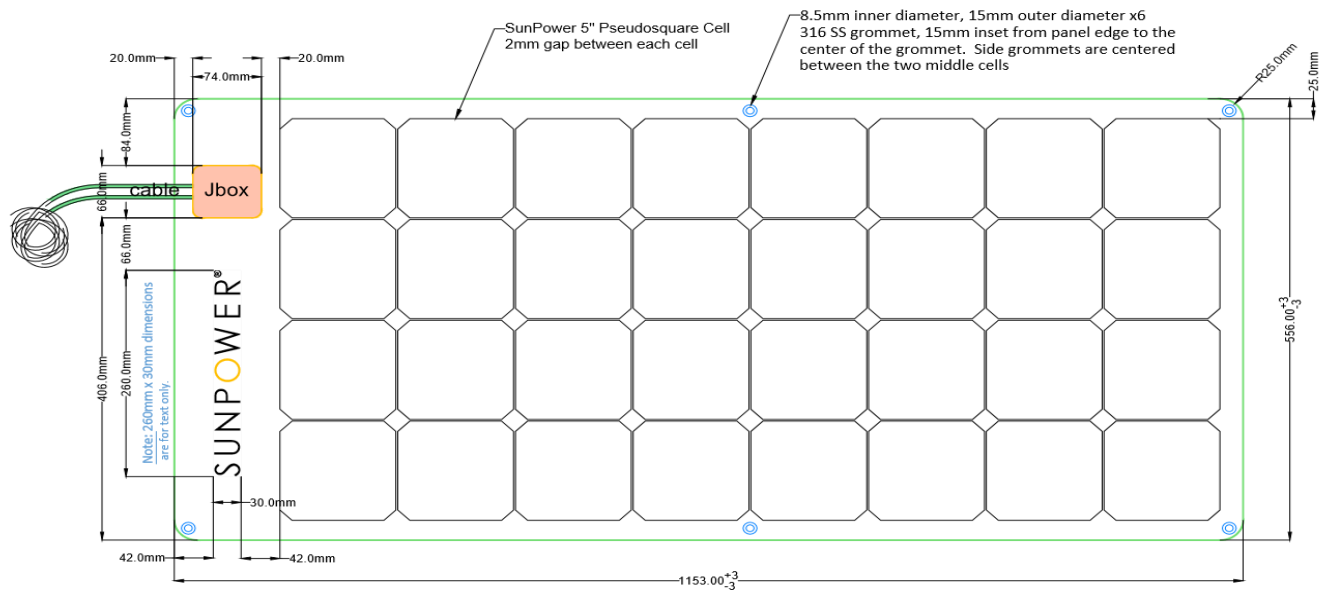
## Electrical Specifications

(STC\* = 25 °C, 1000W/m<sup>2</sup> Irradiance and AM=1.5)

Model	GS-FLEX-100W-SP
Max Recommended System Voltage	45V
Maximum Power P <sub>max</sub>	100 W* (-3%, +3%)
Cell type	Mono silicon
Voltage at Maximum Power Point V <sub>mpp</sub>	17.5 V
Current at Maximum Power Point I <sub>mpp</sub>	5.8 A
Open Circuit Voltage V <sub>oc</sub>	21.0 V
Short Circuit Current I <sub>sc</sub>	6.2 A

\*Standard Test Conditions

## Physical Specifications mm



Cables: 4mm<sup>2</sup>, 12 AWG, 450mm long  
Max Series Fuse Rating

10A

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

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