



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

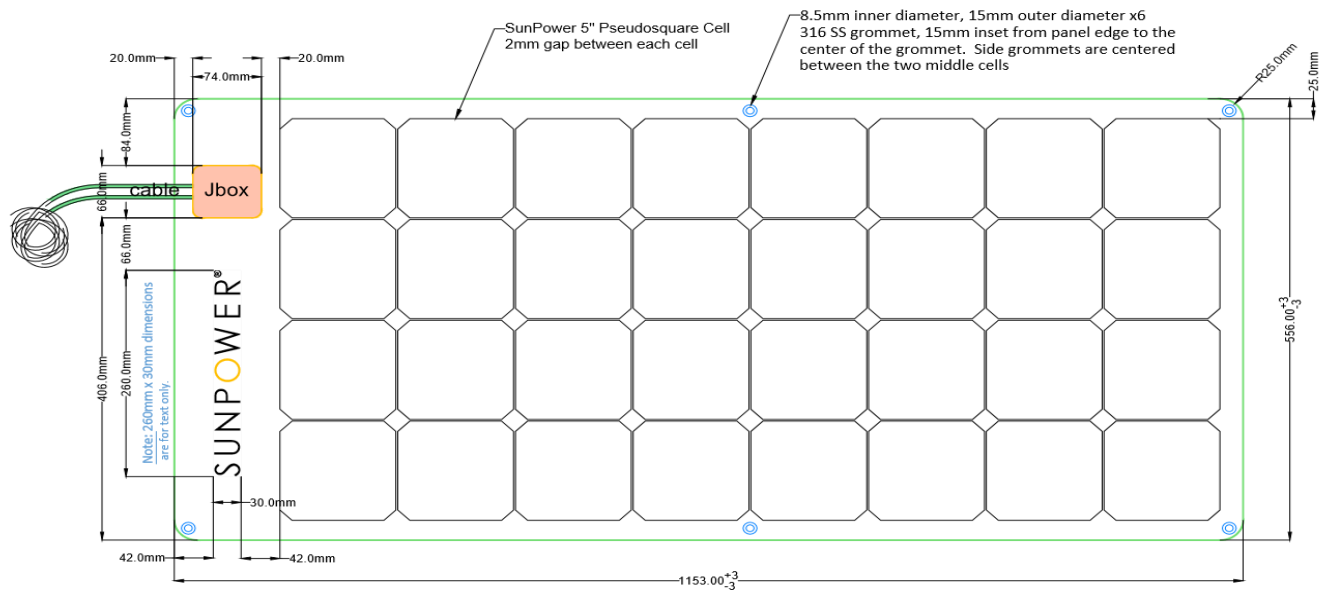
Electrical Specifications

(STC* = 25 °C, 1000W/m² Irradiance and AM=1.5)

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

*Standard Test Conditions

Physical Specifications mm



Cables: 4mm², 12 AWG, 450mm long
Max Series Fuse Rating

10A

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