



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 62.5mm (4.92" x 2.46")
Module Dimension (L x W x T)	656mm x 556mm x 3mm (25.83" x 21.89" x 0.19")
No. of Cells	32
Weight	1.0 kg (2.2 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-50W-SP

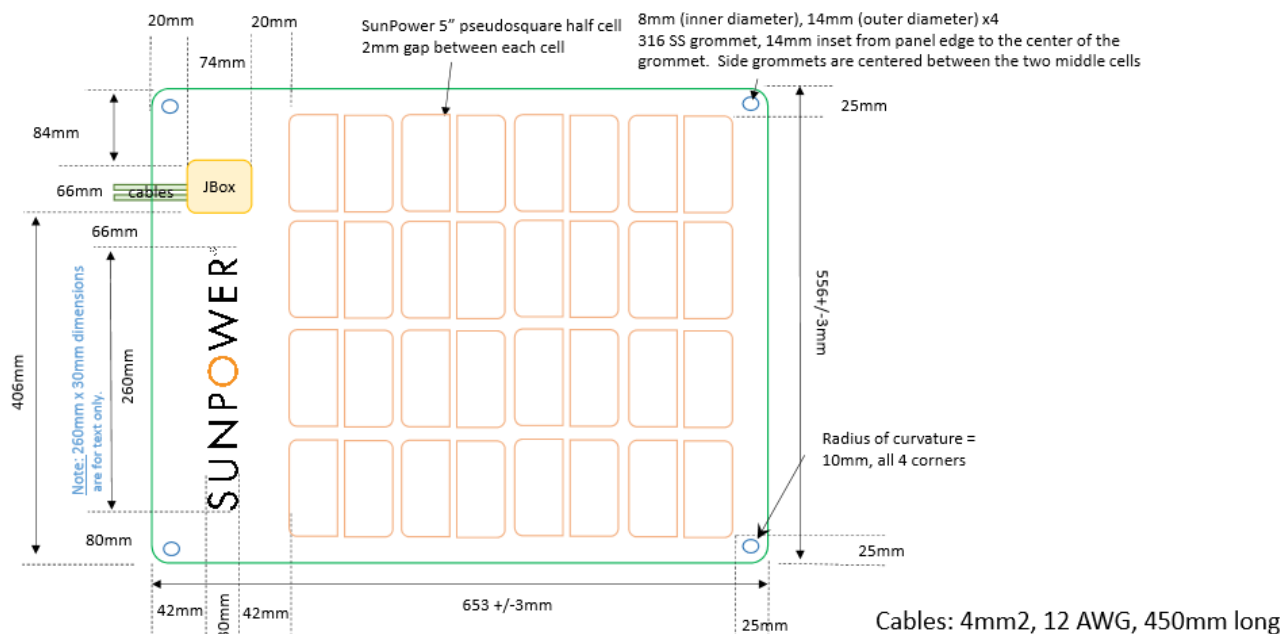
Electrical Specifications

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

Model	GS-FLEX-50W-SP
Max Recommended System Voltage	45V
Maximum Power P _{max}	50 W* (-3%, +3%)
Cell type	Mono silicon
Voltage at Maximum Power Point V _{mpp}	17.6 V
Current at Maximum Power Point I _{mpp}	2.8 A
Open Circuit Voltage V _{oc}	21.5 V
Short Circuit Current I _{sc}	2.95 A

*Standard Test Conditions

Physical Specifications mm



Max Series Fuse Rating

10A

www.GrapeSolar.com

For service or support call

1-541-349-9000

2635 W. 7th Place

Eugene, Oregon 97402, USA

Tel: 541.349.9000 Fax: 541.343.9000