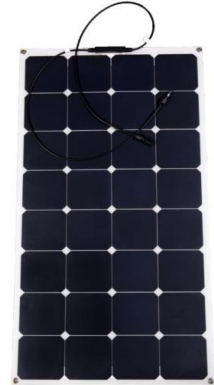




High Efficiency Mono-crystalline Flexible Photovoltaic Module

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

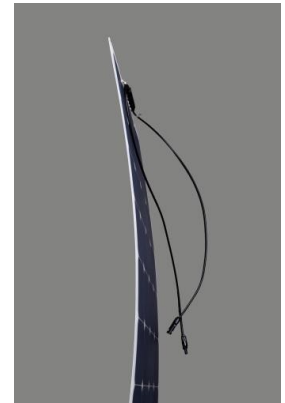
- Any off-grid solar power stations.

Warranty

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

Certifications

- CE



Mechanical Specifications

Characteristic	Details
Cell Size	125mm x 125mm (4.92" x 4.92")
Module Dimension (L x W x T)	1050mm x 540mm x 4mm (41.34" x 21.26" x 0.16")
No. of Cells	36
Weight	1.35 kg (3.0 lbs)
Cable Length	900mm (35.4") for positive (+) and negative (-)
Type of Connector	MC-IV comparable
Junction Box	IP65 Rated
No. of Holes in Frame	4 installation holes

MODEL: GS-Photoflex-100W

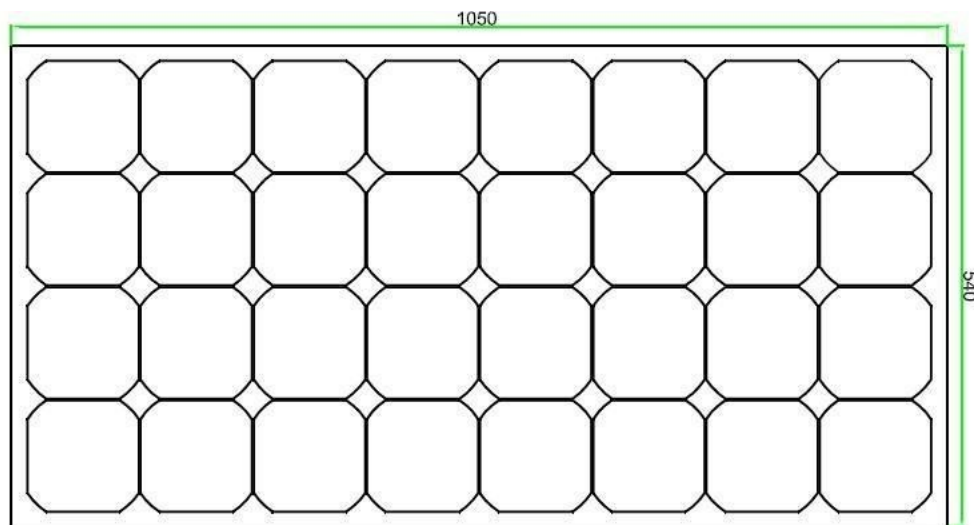
Electrical Specifications

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

Model	GS-Photoflex-100W
Max Recommended System Voltage	150V
Maximum Power P _{max}	100 W* (-10%, +10%)
Cell type	Mono silicon
Voltage at Maximum Power Point V _{mpp}	17.8 V
Current at Maximum Power Point I _{mpp}	5.62A
Open Circuit Voltage V _{oc}	21.6 V
Short Circuit Current I _{sc}	5.97 A
Module Efficiency (%)	17.6%
Temperature Coefficient of V _{oc}	-0.28% /°C
Temperature Coefficient of I _{sc}	+0.04% /°C
Temperature Coefficient of P _{max}	-0.38% /°C

*Standard Test Conditions

Physical Specifications mm



Other Performance Data

Power Tolerance	Operating Temperature	Max Series Fuse Rating	NOCT*
-10%, +10%	-40 °C to +85 °C	10A	45 °C +/- 2 °C

*Normal Operating Cell Temperature

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