

GP-PV-100M SOLAR MODULE

CATEGORY:
SOLAR PANELS

MODEL TYPE:
GP-PV-100M

IDEAL FOR:



**25 YEAR
WARRANTY**

SYSTEM CONTROL AT YOUR FINGERTIPS

Unlock the full potential of your RV's power system with the Go Power! Connect app!

Get real-time insights into your solar charging stats, battery levels, and power consumption on your mobile device. Monitor performance, and set inverter and charging parameters. Available on the iOS and Android app store.



The management system governing the manufacture of this product is ISO 9001:2008 certified.

GP-PV-100M

The GP-PV-100M Solar Module from Go Power! is a high-efficiency monocrystalline solar module that provides outstanding performance and cost-effective solar power for high-end off-grid and mobile applications. The Go Power! GP-PV-100M solar module is built to last. To ensure long life, the high-efficiency solar cells are encapsulated between a special tempered, low-iron solar glass and a Tedlar®/polyester backing material. The mounting frame, manufactured from anodized marine-grade aluminum, allows the GP-PV-100M to be installed in extreme conditions.

KEY FEATURES



MONOCRYSTALLINE CELLS



LIGHTWEIGHT ANODIZED ALUMINUM FRAME



PLUG AND PLAY JUNCTION BOX



HIGH TRANSMISSIVITY TEMPERED GLASS



INDUSTRY STANDARD QUICK-CONNECT CABLES



WIRE IN SERIES OR PARALLEL

INCLUDED IN:

- RETREAT SOLAR KIT
- RETREAT EXPANSION SOLAR KIT



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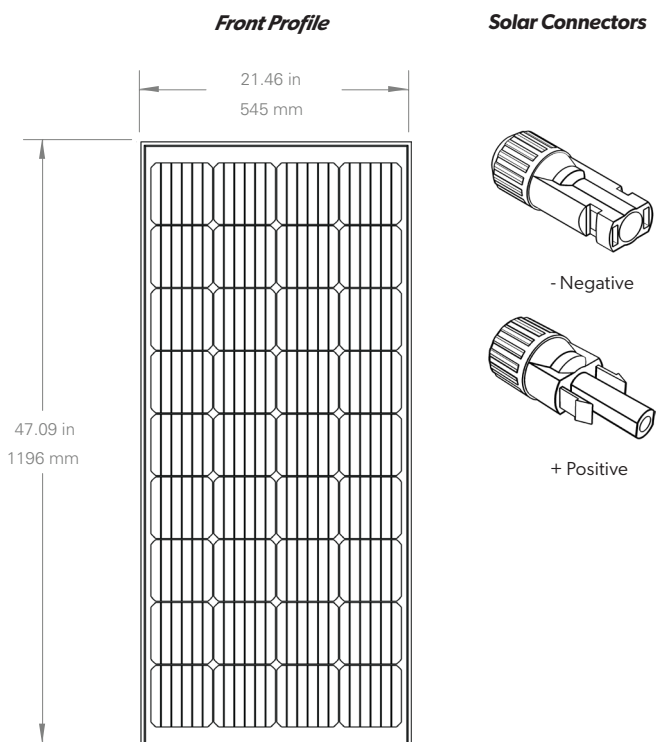
SPECIFICATIONS

Rated power (P _m)	100W
Maximum power voltage (V _{mp})	18.4V
Maximum power current (I _{mp})	5.43A
Open circuit voltage (V _{oc})	22.6V
Short circuit current (I _{sc})	5.75A
Power coefficient	31.2 °F / -0.43% °C
Voltage coefficient	31.4 °F / -0.33% °C
Current coefficient	32 °F / 0.045% °C
Max power tolerance	+/- 3%
Cell type	Monocrystalline
Module efficiency	15.34%
Series fuse rating	10A
Maximum system voltage	1000VDC
Weight	17.6 lb (8 kg)
Dimensions	47.09 x 21.46 x 1.38 in 1196 x 545 x 33 mm
Materials	Clear anodized aluminum frame; tempered glass
Warranty (Power Output)	25 Years

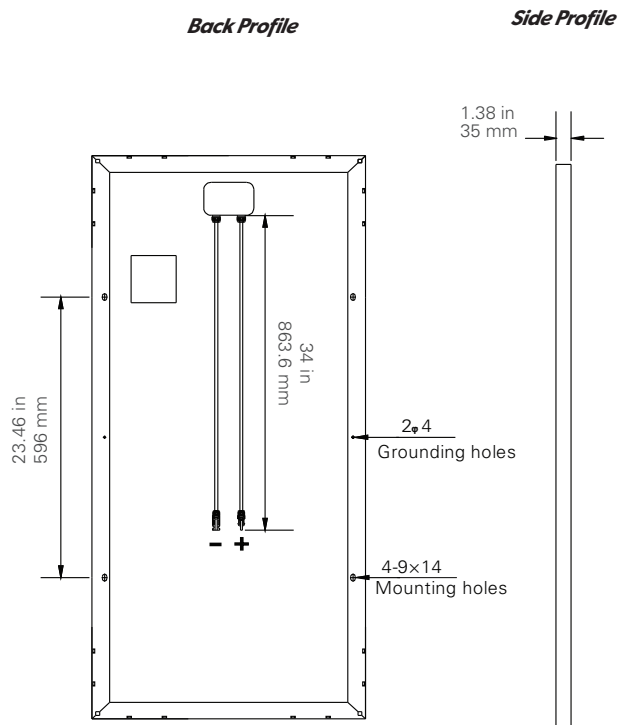
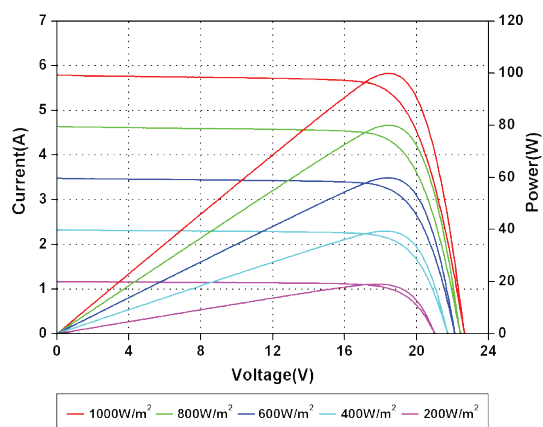
Power Specifications calculated at STC:

- Irradiance: 1000 W/m²
- Cell Temperature: 77 °F (25 °C)
- Air Mass: 1.5

DIMENSIONS



IV CURVE PARAMETERS



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