

# GP-PV-100SM SOLAR MODULE

## CATEGORY:

SOLAR PANELS

## MODEL TYPE:

GP-PV-100SM

## IDEAL FOR:

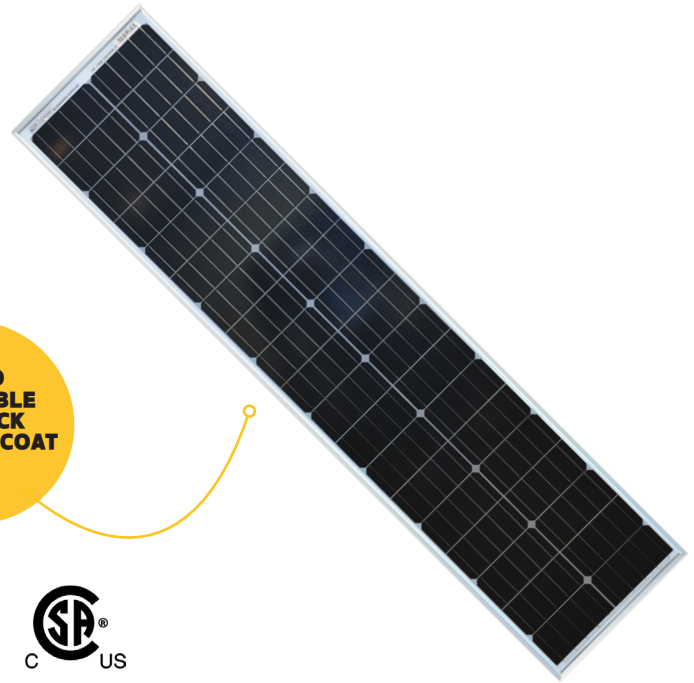
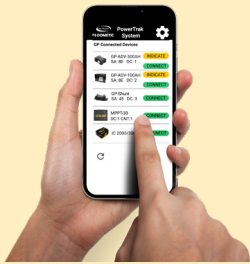


## 25 YEAR WARRANTY

## 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.



ALSO AVAILABLE IN BLACK POWDER-COAT



The management system governing the manufacture of this product is ISO 90001:2008 certified.

## GP-PV-100SM

The GP-PV-100SM 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-100SM 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-100SM 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:

- SLIM-100
- SLIM-100-E
- SLIM 100W BLACK KIT
- SLIM 100W BLACK EXPANSION KIT



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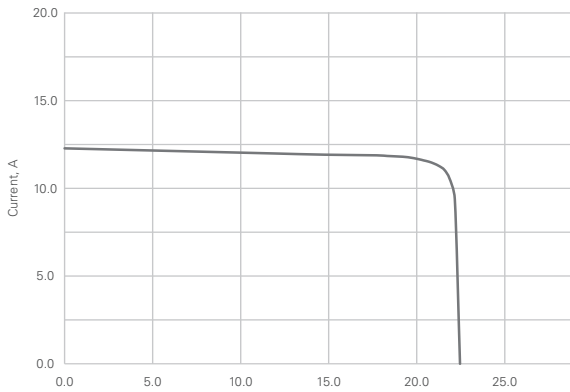
## SPECIFICATIONS

Rated power (Pm)	100 (± 5%)
Maximum power voltage (Vmp)	21.5V
Maximum power current (Imp)	4.73A
Open circuit voltage (Voc)	25.4V
Short circuit current (Isc)	4.99A
Power coefficient	-0.43% / °C
Voltage coefficient	-0.33% / °C
Current coefficient	0.045% / °C
Max power tolerance	+/- 3%
Cell type	Monocrystalline
Module efficiency	15.34%
Series fuse rating	10A
Maximum system voltage	1000VDC
Weight	14.3 lb (6.4 kg)
Dimensions	13.98 x 60.24 x 1.58 in 355 x 1530 x 40 mm
Materials	Clear anodized aluminum frame or black powder-coated options; tempered glass
Warranty (Power Output)	25 Years

Power Specifications calculated at STC:

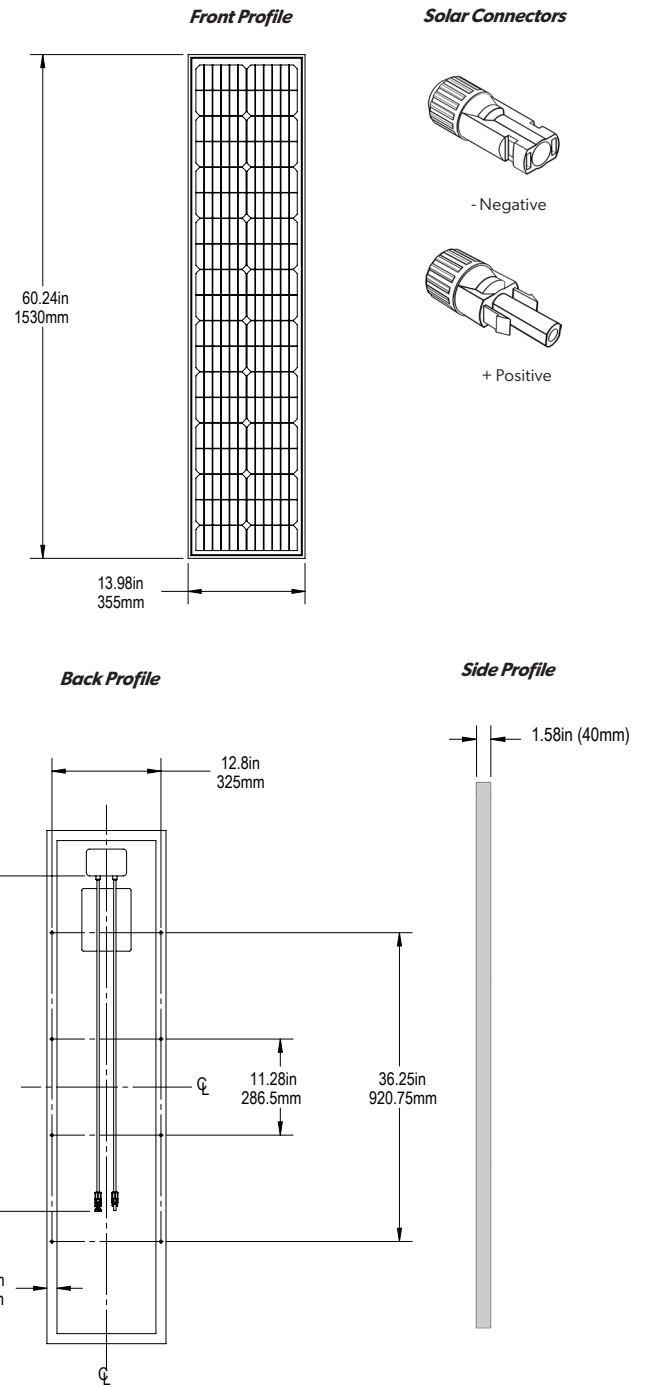
- Irradiance: 1000 W/m<sup>2</sup>
- Cell Temperature: 77 °F (25 °C)
- Air Mass: 1.5

## IV CURVE PARAMETERS



— 1000 W/m<sup>2</sup>

## DIMENSIONS



Specifications subject to local environmental conditions.  
Specifications may be subject to change.



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