



SOLAR KITS

LARGE SOLAR KITS FOR DC POWER ESSENTIALS AND BATTERY MAINTENANCE

OVERLANDER / RETREAT / SLIM

Your battery will power lights, fans and other DC appliances. Solar will help to ensure a healthy battery charge and extend the life up to 50%! Save the cost of shore power and battery replacements.

- The OVERLANDER is our largest, most popular single panel 12 volt kit, providing 190 watts and 9.45 amps of solar power.
- The RETREAT is our most efficient solar panel providing 100 watts and 5.43 amps – best square ft / watt
- The SLIM provides a space saving 100 watts and 4.73 amps
- Maintenance free and designed to provide decades of uninterrupted power
- 25-year limited solar panel output power warranty
- Easy to install, flush mounted 30 amp digital solar controller
- Expandable (allows for 570 watts of solar with the same controller)

INCLUDED IN FULL KITS

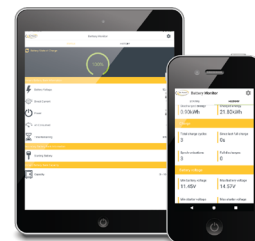


Digital pulse width modulated (PWM) solar controller, with Bluetooth® Wireless Technology, regulates the battery charging system and prevents over-charging and damage to the battery. Simple push button operation. 5 year warranty.

Includes everything for a simple installation: all mounting hardware and 50' of MC4 quick-connect cables.

EXPANSION KITS

Add more power to your Go Power! solar kits by adding an expansion panel. Expansions include a solar panel, mounting hardware, and MC4 branch connectors.



Download our free Go Power! Connect app, the ULTIMATE gas gauge for your battery.





Specifications may be subject to change.
Specifications subject to local environmental conditions.
"Go Power!", Go Power! DOMETIC logos are trademarks.

SOLAR PANELS

SPECIFICATIONS	SLIM/SLIM-E	RETREAT / RETREAT-E	OVERLANDER / OVERLANDER-E
Rated Power (Pm)	100W	100W	190 W
Maximum Power Voltage (Vmp)	21.5V	18.4V	19.11V
Maximum Power Current (Imp)	4.73A	5.43A	9.45A
Open Circuit Voltage (Voc)	25.4V	22.6V	22.78A
Short Circuit Current (Isc)	4.99A	5.75A	9.32A
Cell type	Monocrystalline		
Max System Voltage	1000VDC		
Weight	14.3 lb (6.4 kg)	17.6 lb (8kg)	26.4 lb (12 kg)
Dimensions	13.98 x 60.24 x 1.58 in 355 x 1530 x 40 mm	47.09 x 21.46 x 1.38 in 1196 x 545 x 35 mm	59.1 x 26.3 x 1.58 in 1500 x 668 x 40 mm
Frame type / material	Clear anodized aluminum frame		
Warranty (Limited Power Output)*	25 year		

*see website for full warranty details

DIGITAL SOLAR CONTROLLER

SPECIFICATIONS	GP-PWM-30-UL
Nominal System Voltage	12V
Max Solar Array Current	30A
Battery Voltage Range	6V -- 15.5V
Max. Solar panel input voltage	28V
Operating Consumption	6mA
Display Consumption	10mA
Temp. Compensation	-13mV/°F (- 24mV/°C)
Operating Temperature	- 40 to 185°F (-40 to 85°C)
Humidity	99% N.C.
Dimensions (H x W x D)	4.25 x 7.48 x 1.38 in (108 x 190 x 35 mm)
Weight	10.6 oz (300 g)
Maximum Wire Gauge	#4 AWG
Warranty	5 years
Protection	Battery Reverse Polarity, Solar Array Reverse Polarity, Over temperature, Over Current
Connectivity	Bluetooth®

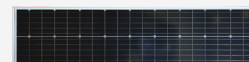
EXPANSION KITS: OVERLANDER-E / RETREAT-E/SLIM-E

Expand your solar as your power needs grow! Our GP-PWM-30-UL solar controller with Bluetooth® Wireless Technology can accept approximately 600 watts (30 amps) of solar power.

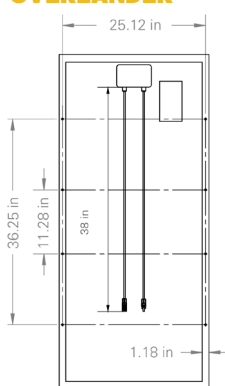
- Includes 1 solar module, mounting hardware and MC4 branch connectors



MC4 branch connectors



OVERLANDER

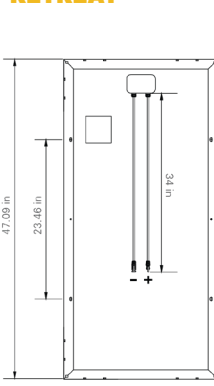


Back View

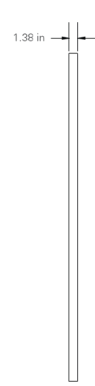


Side View

RETREAT

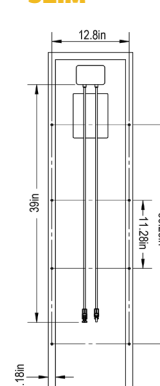


Back View

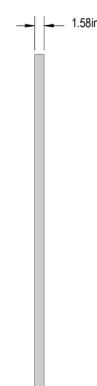


Side View

SLIM



Back View



Side View