

## GP-PWM-30-UL : 30A Solar Charge Controller with Bluetooth



Price: CAD \$199.99

**SKU:** GPPWM30UL

**Product Categories:** [PWM : 30A-39A](#), [Charge Controllers](#), [Shop](#)

**Product Tags:** [bluetooth](#), [bluetooth solar controller](#), [canada](#), [flush](#), [flush mount](#), [go power](#), [go power 30a controller](#), [GP-PWM-30-UL](#), [GP-PWM-30-UL canada](#), [pwm](#), [RV solar](#), [rv solar controller](#), [solar charge controller](#), [van conversion solar](#)

**Product Page:**

<https://www.modernoutpost.com/product/gp-pwm-30-ul-30a-solar-charge-controller-with-bluetooth/>

### Product Summary

This is the GP-PWM-30-UL 30A Solar Charge Controller with Bluetooth from Go Power. A state-of-the-art flush-mount solar controller for RV's, van conversions, and boats. Bluetooth connectivity means that you can set-up & monitor your solar system from your smartphone too.

## Product Description

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A **solar charge controller** is an essential component of your photovoltaic (PV) system. The controller maintains the life of the battery by protecting it from overcharging. When your battery has reached a 100% state of charge, the controller prevents overcharging by limiting the current flowing into the batteries from your solar array.

### GP-PWM-30-UL Features:

- Dual Bank capable - Bluetooth ready; used the Go Power! Connect app ([Click here for more info](#))
- 12 volt flush mounted PV charge controller rated for a continuous solar current input of 30 amps.
- Uses pulse width modulation (PWM) technology
- Unique four stage charging system with optional equalize setting, to charge and protect your battery bank
- LCD digital display that shows solar array charge current, system battery voltage and battery capacity
- Built-in USB charge port
- Connects up to 600 watts of solar
- Charges 1 or 2 battery banks
- Remote on/off control of select Go Power! ISW inverters
- 5 year warranty

### Maximum Power Boost Technology

This 30 Amp Digital Solar Controller features Maximum Power Boost Technology (MPBT). This allows you to override the normal charging algorithm of the solar controller to 'boost' the solar charge, which is ideal at the end of the daylight to ensure batteries are topped up for the evening. Performance of the solar controller will not be affected if MPBT function is not utilized.



### Capabilities]

Using Go Power! Connect, you can connect to your PWM-30-UL controller to:

- Set the battery type and charging profile
- Turn your compatible Go Power!

ISW Inverter on or off - Toggle Maximum Power Boost mode

View essential battery stats, including:

- Battery Voltage - PV Charging Current - Battery State of Charge (SOC)

### **GP-PWM-30-UL Specifications...**

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

Protection : Battery Reverse Polarity, Solar Array Reverse

Polarity, Over temperature, Over Current

Battery Charging Profiles :

Lead-Acid : Sealed/Gel, AGM, Flooded

Lithium : LifePO4

Warranty : 5 years

Downloads...

[User Manual](#)] [Spec Sheet](#)]

### Product Attributes

- Dimensions: 20 &times; 16 &times; 4 cm

- Weight: .9 kg