

PWM SOLAR CONTROLLER 30 BT

CATEGORY:
PWM CONTROLLERS

MODEL TYPE:
GP-SB-PWM-30-BT

IDEAL FOR:



**5 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.



GP-SB-PWM-30-BT

A Solar 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.

The GP-SB-PWM-30BT is a 12 volt flush-mounted, single-bank, photo-voltaic (PV) charge controller rated for a continuous solar current input of 30 amps.

KEY FEATURES



REGULATES CURRENT FLOW FROM YOUR SOLAR MODULES TO YOUR BATTERIES



4 BATTERY CHARGING PROFILES: SEALED/GEL, AGM, FLOODED, LIFEPO4 (LITHIUM)



TEMPERATURE COMPENSATED PULSE WIDTH MODULATION (PWM) CHARGING



4 STAGE CHARGING: BULK, ABSORPTION, FLOAT AND EQUALIZE



BACK LIT LCD SCREEN DISPLAYS CHARGING CURRENT, BATTERY VOLTAGE AND BATTERY STATE OF CHARGE



SUITABLE FOR 12V SOLAR SYSTEMS UP TO OR 30 AMPS



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SPECIFICATIONS	
Nominal System Voltage	12V
Max Solar Array Current	30A
Battery Voltage Range	6V -- 16V
Max. Solar panel input voltage	28V
Max Solar Power	600W
Max. Battery Charge Current	37.5A
Display Consumption	≤15mA
Temp. Compensation	-25mV/K
Operating Temperature	-40 to 140°F / -40 to 60°C
Humidity	99% N.C.
Dimensions (H x W x D):	4.02 x 5.2 x 1.26 in; 102 x 132 x 32 mm
Weight	260g / 9.2oz
Maximum Wire Gauge:	#8 AWG/10 mm ²
Warranty	5 years
Protection	Battery/Solar Reverse Polarity, Battery/Solar Short Circuit, Battery/Solar Reverse Current, Battery/Solar Over voltage up to 50V, Over temperature, Over Current

Charge voltages shown are at 77°F / 25°C. The total rated Maximum Power Current (Imp) of the PV input should not exceed 30 amps.

Download our free Go Power! Connect app to view essential battery stats remotely.

BATTERY CHARGING PROFILE	SEALED/ GEL	AGM	FLOODED	LIFEPO4	CUSTOM
Bulk Charge Voltage Set Point	14.1V	14.4V	14.4V	14.4V	
Absorption Charge Voltage (30 min / day)	14.1V	14.4V	8.16V	14.4V	
Float Charge Voltage	13.7V	14.1V	8.16V	14.0V	
Equalize Charge Voltage (2h / 28 days or after V < 12.1V)	Disabled	Disabled	14.9V	Disabled	8.16V

Specifications may be subject to change. Product may not be exactly as shown.
Specifications subject to local environmental conditions.

REMOTES AND ACCESSORIES

*REMOTE AND ACCESSORIES - SOLD SEPARATELY

POWERTRAK™ SCREEN

The PowerTrak™ screen can be used as a standalone remote or as a backbone for a complete PowerTrak™ smart mobile power system.

POWERTRAK™ SCREEN

GP-PT-DIS-3 (Screen)

GP-RVC-EXT-25 (Cable)



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