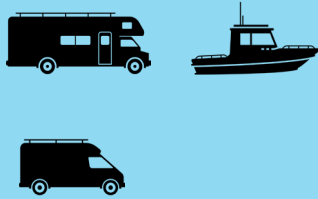


PWM SOLAR CONTROLLERS

IDEAL FOR:



**5 YEAR
WARRANTY**



**2 YEAR
WARRANTY**

*ON SB-ECO-PWM-30 MODEL ONLY



GP-SB-PWM-30-BT | SB-ECO-PWM-30 | GP-SB-PWM-10

ALL MODELS SHARE APPEARANCE

BENEFITS AND NOTABLE FEATURES



CURRENT CONTROL

Regulates the flow of electricity from solar panels to the battery to ensure efficient and safe energy transfer.



PWM CHARGING

Uses temperature-compensated Pulse Width Modulation to optimize charging performance and battery longevity.



LCD DISPLAY

Shows real-time data like charging current, battery voltage, and charge status on a backlit screen for easy monitoring.



CUSTOMIZABLE BATTERY PROFILES

Supports four battery types; Sealed/Gel, AGM, Flooded, and LiFePO₄; so you can safely charge different battery chemistries.



4-STAGE CHARGING

Delivers Bulk, Absorption, Float, and Equalize charging stages to maintain battery health and performance.



SYSTEM COMPATIBILITY

Works with 12V solar systems up to 30 amps, making it suitable for a wide range of solar setups.



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PWM SOLAR CONTROLLERS

SPECIFICATIONS	GP-SB-PWM-30-BT	GP-SB-ECO-PWM-30	GP-SB-PWM-10
Nominal System Voltage		12V	
Max Solar Array Current	30A		10A
Battery Voltage Range		6V -- 16V	
Max. Solar panel input voltage		28V	
Max Solar Power	600W		200W
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.	
	Yes		No
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	2 years	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		
Certifications	UL 1741 (Pending for ECO model) C22.2 No. 107.1-16		

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.

GP-SB-PWM-30-BT 30A



SB-ECO-PWM-30 30A



GP-SB-PWM-10 10A



REVA