



GP-PWM-25

Solar Regulator

GP-PWM-25

- For solar system control and protection
- Innovative, compact design
- Use with GP solar kits
- Pulse Width Modulated
- Automatically detects 12 or 24 volt

Provides Superior Battery Protection

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

The GP-PWM-25 is an automatic selecting 12 or 24 volt flush mounted photovoltaic (PV) charge controller rated for a continuous solar current input of 25 amps. The GP-PWM-25 uses pulse width modulation technology and a unique four stage charging system and optional equalize setting to charge and protect your battery bank. The GP-PWM-25 features an LCD digital display that shows solar array charge current, system battery voltage and battery capacity.

Features:

- Pulse width modulated
- 3 Battery Charging profiles
- 4 Stage charging
- Monthly Equalize option
- Displays Charging Current, Battery Voltage and Battery State of Charge
- Reverse Polarity protected
- Temperature Compensated
- RoHS Compliant, environmentally safe
- Accepts over 400 Watts of solar at 12 volts

Check out our other Go Power!™ products:

- Solar RV Kits
- Inverters
- DURALites & SUNfilm solar chargers
- Smart Battery Chargers

SPECIFICATIONS*	VALUE
Nominal System Voltage	12/24V, automatic selection
Max Solar Array Current	25 Amps
Battery Voltage Range	6V – 31V
Max. Solar Voltage	56V
Operating Consumption	6mA
Display Consumption	10mA
Absorption Voltage	12.1/14.4V 28.2/28.8V (25° C / 77°F), 0.5-2h / Day
Float Voltage	13.7/27.4V (25°C / 77°F),
Equalization Voltage	14.8/29.6V (25° C/77°) 2h/ 28 Day or V < 12,1/24.2
Temperature Compensation-	4mV/cell*K
Operating Temperature-	40 to 85° C / -40 to 185° F
Display Operating Temperature	20 to 55° C / -4 to 131° F
Humidity	99% N.C.
Dimensions (H x W x D):	107 x 190 x 35 mm 4.25 x 7.5 x 1.38 in
Weight	278 grams 10 oz
Maximum Wire Gauge: #	6 AWG
Warranty	5 years
Protection	Battery Reverse Polarity, Solar Array reverse Polarity (12V input only), Over temperature, PV Short Circuit, Over Current

*Specifications subject to change without notice

- The total rated Maximum Power Current (Imp) of the PV input should not exceed 25 Amps.
- The GP-PWM-25 will limit PV current greater than 25 Amps
- Although the GP-PWM-25 will accept PV current greater than 25 Amps for a short duration, damage may occur if the GP-PWM-25 operates continuously with greater than 25 Amps of PV input.

The POWER to GO anywhere!