

Solar Regulator

GPR-25 Amp Digital Regulator

-For solar system control and protection
-Innovative, compact design
-Use with GP Solar Kits



Provides Superior Battery Protection!

Solar charging systems need a quality regulator to protect batteries from overcharge.

The Go Power! 25 amp Regulator (GPR-25) offers full battery protection by regulating the current flowing from your solar panel system into the batteries, thus keeping your batteries balanced and working at peak performance.

The GPR-25 Amp Regulator replaces the analogue meters of the past. With the regulator's digital Liquid Crystal Display (LCD), you can read both the battery voltage and solar charge current; it switches between the two readings at 10-15 second intervals.

Under the digital display is a coloured battery voltage gauge. Red indicates the battery is in danger of complete discharge, yellow warns that the battery is getting low, and green verifies the voltage is within premium working range.

This regulator has the expanded capability to handle up to 395 Watts* of solar charging power. The thin, compact design of this regulator makes it easy to install, and the black face plate allows it to blend with almost any decor. Custom colours and private labeling are available.



The Go Power! 25 Amp Regulator.

*at a typical Vp of 17.3 V

Specifications*

Nominal Voltage	12 V
Rated Current, Continuous	25 A
Array Voltage, Max. Voc	26 V
Quiescent Current	20 mA
Current Consumption, Charging, Typ.	20 mA
Voltage Drop, Array to Battery, Typ.	0.8V
Charge Termination Selectable	14.1/14.4 ± 0.2 V
Charge Resumption	13.0 ± 0.3 V
Operating Temperature Range	-40 to 85° C
	-40 to 185° F
LCD Operating Temperature	-10 to 55° C
	14 to 131° F
Display Accuracy	± 2 Points
Dimensions	
(l x w x h) mm	107.95 x 190.5 x 19
inches	4.25 x 7.50 x 1.6
Net Weight grams	172
lbs	6.02
UPC	8-39085-00065-6
Warranty	5 years

*Specifications subject to change without notice

The GPR-25 Amp Regulator includes:

- Digital display of battery voltage and charge current
- 25 amp charge current rating (Isc)
- Jumper setting for either Gel, AGM or Flooded Batteries
- 5 year warranty
- Solid state design
- Reverse polarity protection / over-current
- Blocking diode for reverse leakage protection
- Terminal block accept up to # 8 AWG wire

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