

# 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 overcharging.

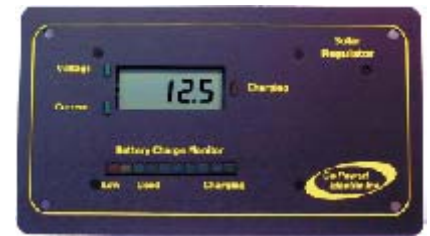
The Go Power!™ 25 amp Regulator (GPR-25) offers full battery protection by regulating the current flowing from your solar panel system into the batteries, thus keeping your batteries balanced and working at peak performance.

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 colored 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 colors and private labeling are available.

\*at a typical  $V_p$  of 17.3 V



The Go Power!™ 25 Amp Regulator

### 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<br>-40 to 185° F |
| LCD Operating Temperature            | -10 to 55° C<br>14 to 131° F  |
| Display Accuracy                     | ± 2 Points                    |
| Dimensions<br>(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 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
- Terminal block accept up to #8 AWG wire

### Check out our other Go Power!™ products:

- Solar RV Kits
- Inverters
- Chargers
- DURAlites



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