



## 10 amp Smart Battery Charger

### GPSC-12-10A

- Charges faster than conventional chargers
- Uses less AC power than conventional chargers of similar output
- Ideal for sealed or flooded batteries
- Small, lightweight and quiet

### Go Power!<sup>™</sup> Smart Charger

The Go Power!<sup>™</sup> 10 Amp Smart Charger is designed specifically to extend the life of deep-cycle battery banks. With a unique microprocessor controlled electronic design, the Go Power!<sup>™</sup> Smart Charger offers multi-stage charging to accurately recharge and maintain your battery banks without electrolyte loss.

The Smart Charger has a high frequency switching mode and is equipped with a micro-controller and a PFC circuit. This design allows this Battery Charger to perform with intelligent battery management and reliable operation.

The Smart Charger features a three stage charging process that provides more sophisticated and faster charging than conventional transformer type chargers. The charging stages are:

1. **Bulk Stage:** Constant current charging at a high voltage level at maximum amperage
2. **Absorption Stage:** Tapering current for the last 10-20% of charge
3. **Float Stage:** Lower voltage float mode to prevent electrolyte loss

It also features an LED display, reporting charging state, short circuit protection and over-temperature protection. The high efficiency electronic design makes the GPSC-12-10A the ideal choice for use with generators and for backup charger applications.

#### Check out our other Go Power!<sup>™</sup> products:

- Solar RV Kits
- Inverters & Chargers
- DURALites & SUNfilm solar chargers
- Accessories

### Features:

- Advanced 8-bit microprocessor control circuit, reverse battery protected by fuse, ignition protection
- Output short circuit protection and overpower protection
- Switch mode technology
- Easy-to-read LED for system status
- Compact size and lightweight
- Power factor corrected to 0.98 = efficient charge

SPECIFICATIONS*	GPSC-12-10A
Current	10A
Voltage	12V
Power Watt	160W
Input Voltage	120-240 VAC / 50-60 Hz (Automatic Switching)
Power Factor	0.98
Bulk Voltage	14.4 VDC
Float Voltage	13.65 VDC
Banks	1
Safety	UL 1236 Pending, CE, TUV
Battery Type	Wet Acid or Bulk Rating > 14,3 (usually non sealed)
EMC	FCC Class A EN55022: 1994/A1: 1995/A5: 1997 EN61000-3-2: 2000, EN61000-3-3: 1995 & EN55024: 1998
Dimensions	51 x 84 x 208 mm
Weight	0.9 kg / 2 lbs
UPC	8-39085-00012-0
Warranty	1 Year

\*Specifications subject to change without notice

The POWER to GO anywhere!