

GHC-12500

GENERAL FEATURES

- **Single Stage Float charging**
- **Semi-Switching Technology**
- **Regulated charge voltage**
- **Semi-constant current**
- **Fully Automatic Operation**
- **Compact and Light weight**
- **Overload protected (auto recovery)**
- **Reverse Polarity Protection**
- **UL/CUL Approved**
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INPUT

Input	120 VAC
Frequency	60 Hz
Protection	Internal Primary
Isolation	Input-Output 3000VAC Input-Case 2500 VAC Output-Case 500 VAC
Safety	UL 1350 FCC Class B

MECHANICAL

Wire lead	AWG22, 6'
Weight	0.9 lb..
Cooling	Convection cooled
Warranty	24 Months

ELECTRICAL

Topology	Semi-Switching DC Power
Efficiency	60%
Float Charge Voltage	13.8VDC
Output Charge Current	500 m Amps constant
Ripple & Noise	150 mV
Thermal fuse	115 C
Short Circuit Protection	Yes
Over Current Protection	Yes
Reverse Polarity Protection	Yes

ENVIRONMENTAL

Operating Temp. Range	-5° to 50°C
Storage Temperature	-30°C to +85°C
Relative Humidity	10% to 90%
Altitude	0-3000m

Output Connector

GHC-121000-1P	5.5 x 2.1mm
GHC-121000-1A	Alligator clips (shielded)



Mouser Electronics

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CSB:

[GHC12500-1-P](#)