LABC14-12V Charger

12V Lead-Acid Battery Smart Charger

INPUT SPECIFICATIONS
All specifications are typical at nominal input, full load.

INPUT SPECIFICATIONS	
Input Voltage	AC 100 – 264VAC
Input Frequency	50 – 60Hz
Protection	Reverse Polarity, short circuit
Battery Size	12 volt SLA, VRLA, Gel, AGM or flooded

OUTPUT SPECIFICATIONS 6V /12V	
Charge Voltage Limited	14.5V
Float Charge Voltage	13.6V
Charging Current	0.8 amp
Battery Types	All types 12V lead acid batteries
Charging Algorithm Auto 3 Stages	
Constant Current	Stage 1 Constant current 0.8 amp Battery voltage must be above 4V
Constant Voltage	Stage 2 Constant voltage 14.5V
Floating	Stage 3 Float charge 13.6V
LED Indications	Pwr on, no battery connected –Green Charging – Red Charged - Flashing Green Charge/Float charging – Green Dim Reverse polarity – Red and Green flashing

GENERAL SPECIFICATIONS	
MTBF(Calculated)	30,000 Calculated hours at 25°C by MIL-HDBK-217F
Hi pot, ESD	3,000V, 1 minute ESD 8000V



FEATURES

- UNIVERSAL INPUT (AC100-240V)
- CONSTANT CURRENT/VOLTAGE,
- REVERSE POLARITY INDICATOR
- SHORT CIRCUIT PROTECTION
- 3 STAGE AUTO CHARGING

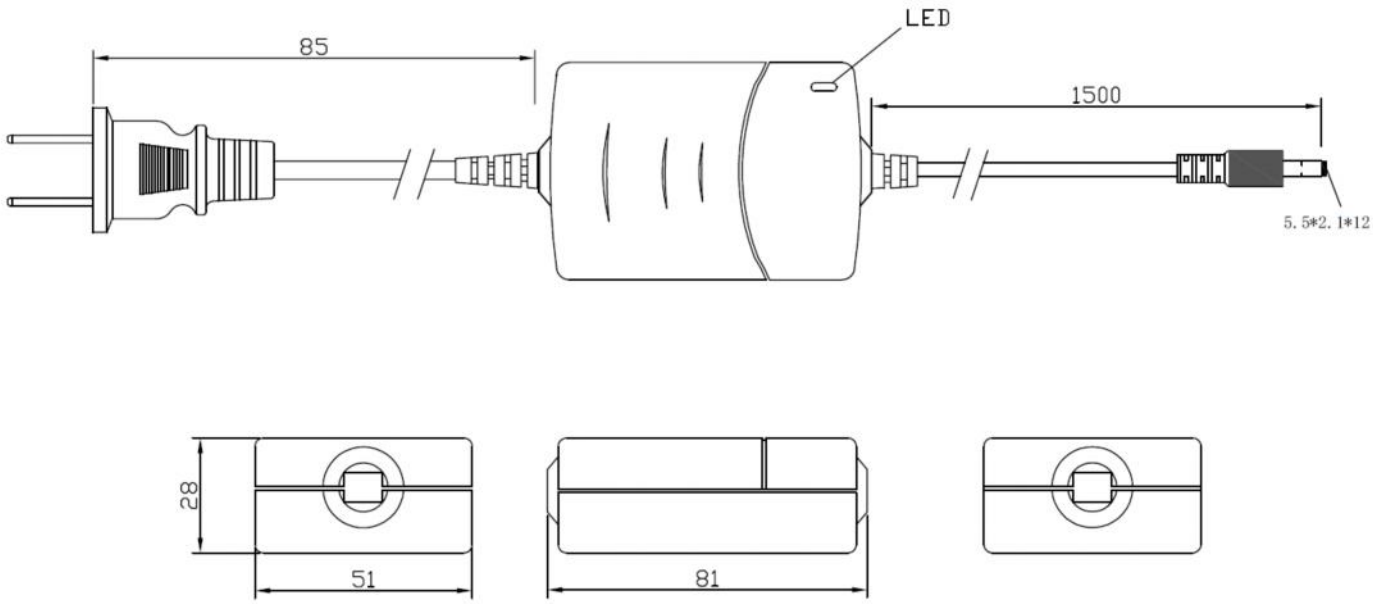
ENVIRONMENTAL SPECIFICATIONS	
Operating Temperature	-10°C~+40°C
Storage Temperature	-40°C ~ +70°C
Cooling.	Convection
Operating Humidity	20 – 80% Rh
Storage Humidity	10 – 90% Rh

MECHANICAL SPECIFICATIONS	
Case Dimension	L81 x W51 x H28(mm)
Input Configuration	Fixed cord 2 pin USA
Output Connector	5.5 x 2.1 x 11.0mm C+
Weight	150 grams

Kaga Electronics (USA) Inc. 780 Montague Expressway, #403, San Jose, CA 95131
Phone: (408) 570-0955 | Fax: (408) 570-0186 | Toll Free: (888) 2-VOLGEN (888-286-5436)
www.volgen.com

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Mechanical Drawing:



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