

PSU-002

6V CHARGER

FEATURES

- ✦ Universal Input (AC100-240V)
- ✦ Constant Current / Voltage
- ✦ Reverse Polarity Indicator
- ✦ Short Circuit Protection
- ✦ 3 Stage Auto Charging

INPUT SPECIFICATIONS

- ✦ All specifications are typical at nominal input, full load.
- ✦ Input Voltage: AC 100 - 264VAC
- ✦ Input Frequency: 50 - 60Hz
- ✦ Protection: Reverse Polarity, short circuit
- ✦ Battery Size: 6V volt SLA, VRLA Gel, AGM or flooded

OUTPUT SPECIFICATIONS 6V/12V

- ✦ Charge Voltage Limited: 7.4V
- ✦ Float Charge Voltage: 6.8V
- ✦ Charging Current: 1.2 amp
- ✦ Battery Types: All types 6V lead acid batteries
- ✦ **Charging Algorithm Auto 3 Stages**
 - Constant Current: Stage 1 Constant Current 1.2amp
 - Constant Voltage: Stage 2 Constant Voltage 7.4V
 - Floating: Stage 3 Float Charge 6.8V
- ✦ LED Indications:
 - Power on, no battery connected - Green
 - Charging - Red
 - Charged - Flashing Green
 - Charge/Float Charging - Green Dim
 - Reverse Polarity - Red and Green flashing

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 11.0 mm C+
- ✦ Weight: 150 gm

ENVIRONMENTAL SPECIFICATIONS

- ✦ Operating Temp: -10°C ~ +40°C
- ✦ Storage Temp: -40°C ~ +70°C
- ✦ Cooling: Convection
- ✦ Operating Humidity: 20 - 80% Rh
- ✦ Storage Humidity: 10 - 90% Rh

