

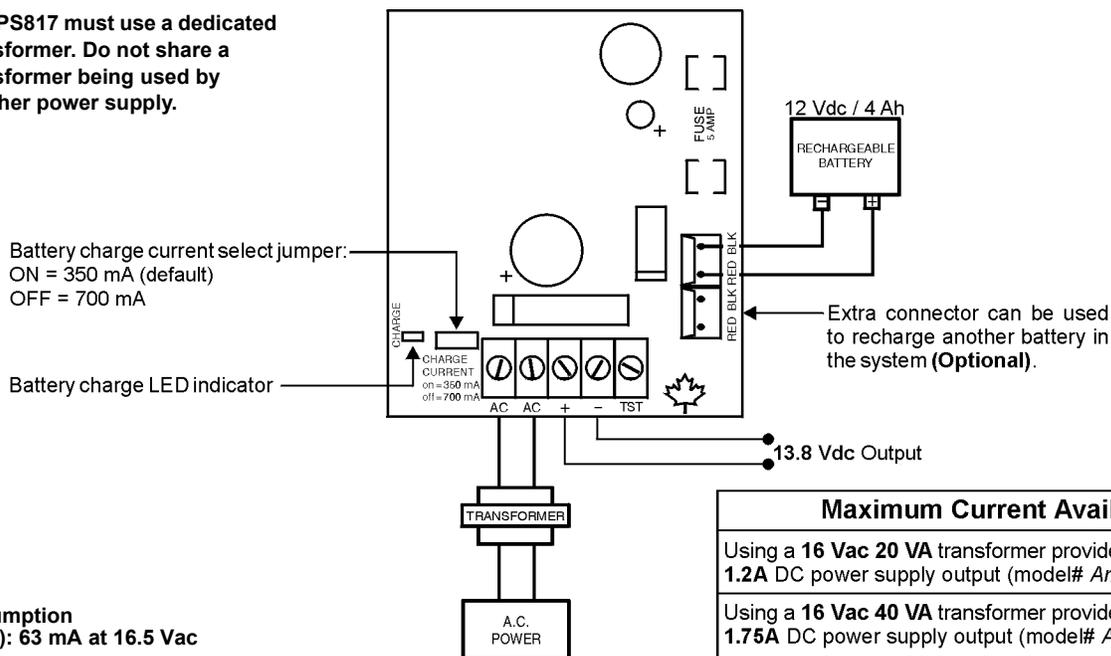
1.75A Switching Power Supply

Features

- 13.8 Vdc, 1.75A Switching Power Supply
- Automatic transfer to standby battery power (in case of AC power failure)
- Battery fused at 5A (short condition protection)
- Battery charge LED indicator
- Jumper selectable battery charge current (350 mA or 700 mA)
- Works with gel-cell and lead-acid batteries
- Battery test input
- 4 mounting holes
- Size: 5.75 x 7.5 x 2.75 cm (2.25 x 3 x 1.1 in.)



The PS817 must use a dedicated transformer. Do not share a transformer being used by another power supply.



Power Consumption
(without load): 63 mA at 16.5 Vac

Installation

1. Install the desired transformer as shown in the diagram above. **The PS817 must use a dedicated transformer. Do not share a transformer being used by another power supply.**
2. To provide power during a power failure, connect the desired backup battery (verifying proper polarity), then select the appropriate battery charge current (350 mA or 700 mA) using the “Charge Current” jumper as shown in the diagram above.



A 40 VA transformer is required when selecting the 700 mA battery charge current. Using a 20 VA transformer with a battery charge current of 700 mA may damage the system.

3. To conduct a “local” battery test, connect the PS817’s “TST” input to the “-” terminal of the PS817. The output supply will drop by 25% if the battery cannot supply adequate power.
4. Connect the required load to the “+” and “-” terminals of the power supply.