

WHELEN[®]

ENGINEERING COMPANY INC.

Route 145, Winthrop Road,
 Chester, Connecticut 06412
 Phone: (860) 526-9504
 Fax: (860) 526-4078
 Internet: www.whelen.com
 Sales e-mail: autosale@whelen.com
 Canadian Sales e-mail: autocan@whelen.com
 Customer Service e-mail: custserv@whelen.com

Installation Guide Model PSW-2 Power Supply Switch

The PSW-2 switch is designed for use with Whelen Strobe Power Supplies such as the UPS 52C (12 VDC). The actual installation of this switch is very simple. However, serious electrical problems will occur if you do not pay attention when wiring your switch. It's a good idea to read through these instructions carefully before beginning the installation.

Installation...

1. Select a location and mount the PSW-2 switch.
2. Ground one of the BLACK wires to the **NEGATIVE (-)** terminal on the battery. Use a minimum **14 gauge wire** when extending wire between the switch and the battery.
3. Using the diagram below, locate the RED wire designated to connect to the **POSITIVE (+)** terminal of the battery. Again, using a minimum **14 gauge wire**, extend the RED wire towards your battery. A line fuse with a minimum 10 amp rating is required to be wired between the end of the wire and the battery. This fuse should be no further than 2 (two) feet away from the battery.
4. The remaining three wires (RED, BLACK and PURPLE) are to be connected to the power supply input connector. When extending these wires towards your power supply, a minimum **16 gauge wire** is to be used. Be sure that the wires from the switch are connected to the same color wires on the power supply input connector (ex. RED to RED, PURPLE to PURPLE, etc.).

WARNING!

Reversing polarity, (reversing the power and ground wires), during installation will damage the power supply and prevent it from operating. Power supplies subjected to reversed polarities must be returned to the factory for repair. Also, be aware that reversing polarities will void all warranties!

Note:
 HIGH = 100% Light Output
 LOW = 20% Light Output

