These instructions cover the following parts:

PS904 Power Supply Specifications:

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<tr>
<th>Specification</th>
<th>Details</th>
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<tbody>
<tr>
<td>Input</td>
<td>120/240 VAC, 1.7 A, 50/60Hz, High Voltage Class 1 Wiring Required</td>
</tr>
<tr>
<td>Output</td>
<td>4 Amp DC @ 12/24 VDC</td>
</tr>
<tr>
<td>Enclosure</td>
<td>14” H x 12” W x 4” D (8 knockouts, 1/2” or 3/4” )</td>
</tr>
<tr>
<td>Temperature Range</td>
<td>32°-120° F (0°- 49° C)</td>
</tr>
<tr>
<td>Fuse</td>
<td>F1, T4A 250 VAC</td>
</tr>
<tr>
<td>Compliance</td>
<td>UL 294, ULC-S318, RoHS, &amp; FCC Part 15, Class 2 Output</td>
</tr>
<tr>
<td>Compatible Boards</td>
<td>900-2RS 900-4R 900-4RL 900-8F 900-8P</td>
</tr>
<tr>
<td>Fire Alarm Input Board</td>
<td>900-FA (Requires one option board above)</td>
</tr>
<tr>
<td>Battery Backup Board</td>
<td>900-BB</td>
</tr>
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</table>

**DANGER**

To avoid risk of electric shock, turn off AC power before installing or servicing PS904 power supply.

**CAUTION**

For protection against risk of fire, replace fuse with same type and rating.

900-KL Keylock (optional) - Page 2

900-BB Battery Backup (optional) - Page 3
Mounting Notes

The PS904 must be installed in accordance with the article 760 of the National Electrical Code or NFPA 72, Canadian Electrical Code, or any other applicable codes.

Install the PS904 indoors within the protected premises.

Check national and local codes for additional installation requirements.

Enclosure must be firmly mounted to a solid surface using hardware suitable for the surface.

1 Mount Power Supply

1a Mark 2 Top Holes

1b Secure Enclosure with 4 Screws

2 Secure enclosure door

If No Keylock
Enclosure will be secured with 2 screws as shown (done as last step)

If Keylock
Remove knockout and insert key cylinder, then slide in clip
3a Connect AC Wiring

- Green (Ground)
- White (Neutral)
- Black (Hot)

AC Input

AC (In)
120/240 VAC

Note: Minimum of 1/4” separation between AC and DC wiring as well as power limited and non-power limited.

3b Use Jumper to Select 24 VDC or 12 VDC Output

- 24 VDC Output Setting
- 12 VDC Output Setting

OR

4 Install 900-BB battery backup (if included)

1a Place Batteries in Box with Terminals to the Left

1b Attach Wires from Battery Board
- Red wires = (+)
- Black wires = (-)

Note: Allow 24 hours for batteries to fully charge
Verify AC LED is On = GREEN
Verify DC LED is On = RED
Verify BB LED (if applicable) is On = AMBER

Option Boards

Option Boards may be Plugged into either Option Connector

- See option board installation instructions for wiring info

Available option boards:

- 900-2RS (2 Relay)
- 900-4R (4 Relay)
- 900-4RL (4 Relay w/logic)
- 900-8F (8 Zone Distribution-fuse)
- 900-8P (8 Zone Distribution-PTC)

Note: When installation is complete, secure enclosure door with screws (provided) or keylock.