Read these instructions before operating this unit.

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INTRODUCTION
The Model XR-38 has a regulated output of 13.8 volts @ 3A and capable of handing 5A surges up to 30 minutes. The XR-38 is designed to power automotive equipment such as CB radios, stereo systems, mobile two-way radios, and vehicular alarm systems when removed from the vehicle.

OPERATING PROCEDURE
1. Check the voltage rating of the equipment to be powered. Care must be taken not to exceed this rating.
2. Turn the power supply OFF.
3. Plug the line cord into a 120V, 60Hz AC outlet.
4. With the power supply turned OFF, connect the load to the output.
5. Turn the power supply ON.

MAINTENANCE
Fuse replacement
1. Turn power switch off, remove any load on outputs and unplug the line cord from AC line.
2. Unscrew the fuse holder cap and remove the fuse. Install a new 2A 250V fuse and reattach fuse holder cap.
3. Plug line cord back into 120VAC source and turn the power switch ON. Check the output for correct voltage.

Thermal
A thermal device inside the transformer will open the primary side if the internal temperature gets too hot. There should be no output voltage and the illuminated switch will not light. Follow the steps below if thermal protection activates.

1. Turn the power switch off and allow unit to cool down. This may take up to 30 minutes.
2. After the unit cools down, turn the power switch to ON. Check that the switch lights and the output voltage is 13.8V. The unit is now ready for operation again.

IMPORTANT SAFETY INSTRUCTIONS
1. Save these instructions. This manual contains important safety and operating instructions.
2. The XR-38 is thermal, short and fuse protected against server overloads or shorting of the output terminals. Refer to the Maintenance section for fuse or thermal protection information.
3. Service repair should be performed by qualified personnel or returned to the factory when service or repair is required. Incorrect reassembly may result in a risk of electrical shock or fire.
4. Do not expose the power supply to rain or snow. Use only indoors with normal temperature and humidity.

Specifications

<table>
<thead>
<tr>
<th>Specifications</th>
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<tbody>
<tr>
<td>Input</td>
<td>120VAC, 60Hz</td>
</tr>
<tr>
<td>Output</td>
<td>13.8VDC @ 3A, 5A surge</td>
</tr>
<tr>
<td>Load Regulation</td>
<td>Less than 5%</td>
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<tr>
<td>Ripple</td>
<td>Less than 10mV rms</td>
</tr>
<tr>
<td>Output Protection</td>
<td>Thermal and short</td>
</tr>
<tr>
<td>Input Protection</td>
<td>2A, 250V fuse</td>
</tr>
<tr>
<td>Size</td>
<td>4 5/16&quot; (H) x 6&quot; (W) x 8 3/16&quot;(L)</td>
</tr>
<tr>
<td>Weight</td>
<td>5 lbs., 8 oz.</td>
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