

TWO YEAR WARRANTY

All Elenco® models are guaranteed for two full years on all parts and service. For the first 3 months, your power supply is covered at absolutely no charge. For the remaining 21 months, a nominal service charge is required to cover shipping and handling.

When returning merchandise for repair, please include proof of purchase, a brief letter of explanation of problem, and sufficient packing material. Before returning any merchandise please call our service department at (847) 541-3800 to obtain a return authorization number (RMA).

Elenco® Electronics, Inc.

150 Carpenter Avenue
Wheeling, IL 60090
(847) 541-3800

Web site: www.elenco.com
e-mail: elenco@elenco.com

ELENCO®  **PRECISION**

Operating Instructions

**DC Regulated
Power Supply**

Model XR-38

Read these instructions before operating this unit.

INTRODUCTION

The Model XR-38 has a regulated output of 13.8 volts @ 3A and capable of handling 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.

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

Input	120VAC, 60Hz
Output	13.8VDC @ 3A, 5A surge
Load Regulation	Less than 5%
Ripple	Less than 10mV rms
Output Protection	Thermal and short
Input Protection	2A, 250V fuse
Size	4 5/16" (H) x 6" (W) x 8 3/16"(L)
Weight	5 lbs., 8 oz.

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.