



LPS3WP24 Linear Power Supply / Charger

Overview:

LPS3WP24 weatherproof linear power supply/charger is specifically designed to provide the power needed by the most demanding security and access control applications. It will convert a 115VAC 60Hz input to a 2.5 amps 24VDC continuous power limited output. Unit's unique NEMA 4 UL Listed enclosure allows installation right at the outdoor equipment it is designed to power.

Specifications:

- Input 115 VAC 60Hz, .95 amps.
- 24VDC power limited output.
- Maximum charge current .5 amps.
- 2.5 amps continuous supply current.
- Filtered and electronically regulated output.
- Built-in charger for sealed lead acid or gel type batteries.
- Automatic switchover to stand-by battery when AC Fails.
- Thermal and short circuit protection with auto reset.
- Fused battery protection (circuit breakers available).
- AC input and DC output LED indicators.
- Includes battery leads.

Enclosure dimensions: 12"H x 8"W x 6"D

Power Supply Voltage Output Specifications:

Output VDC	Maximum Load DC
12VDC	2.5 amp

Installation Instructions:

The LPS3WP24 should be installed in accordance with The National Electrical Code and all applicable Local Regulations.

1. Mount the LPS3WP24 in desired location.
2. Connect AC power to the black and white flying leads of the transformer (Fig. 1). Use 18 AWG or larger for all power connections (Battery, DC output).
3. Connect devices to be powered to terminals marked [- DC +] (Fig. 1).
4. Measure output voltage before connecting devices. This helps avoid potential damage.
5. Connect battery to terminals marked [- BAT +] (Fig. 1) on the power supply board (battery leads included).

Note: When batteries are not used a loss of AC will result in loss of output voltage.

LED Diagnostics:

Red (DC)	Green (AC)	Power Supply Status
ON	ON	Normal operating condition.
ON	OFF	Loss of AC, Stand-by battery supplying power.
OFF	ON	No DC output.
OFF	OFF	Loss of AC. Discharged or no stand-by battery. No DC output.

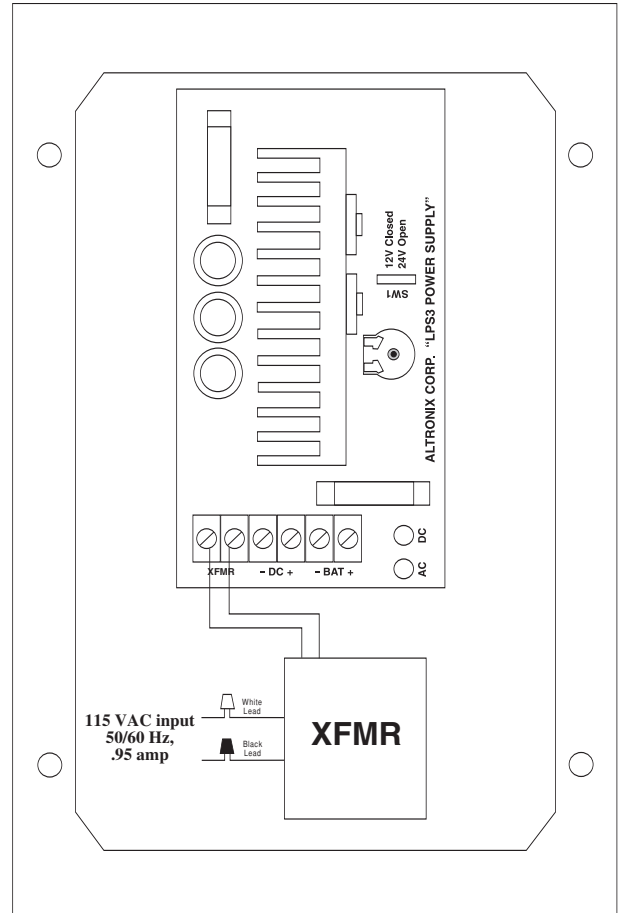


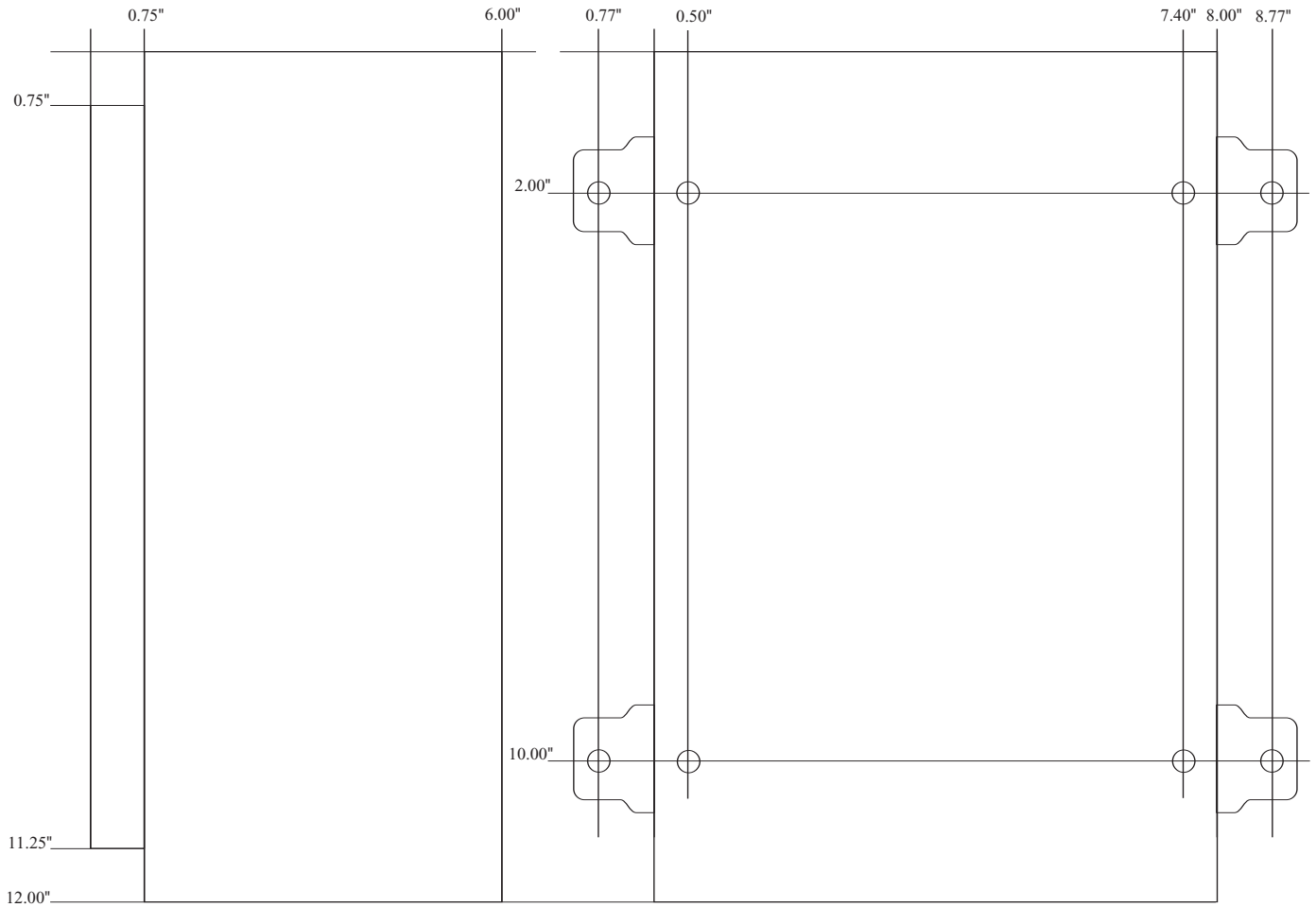
Fig. 1

Terminal Identification:

Terminal Legend	Function/Description
XFMR	Low voltage AC input (16.5VAC 56VA).
- BAT +	Stand-by battery connections.
- DC +	24VDC @ 2.5 amp continuous output.

Enclosure Dimensions:

12"H x 8"W x 6"D



Altronix is not responsible for any typographical errors. Product specifications are subject to change without notice.

