



# ***SMPWP Series*** ***Weatherproof Power Supplies***

## ***Installation Guide***

### ***Models Include:***

- ***SMP3WP***  
- *6VDC, 12VDC or 24VDC @ 2.5 amp.*
- ***SMP5WP***  
- *6VDC, 12VDC or 24VDC @ 4 amp.*
- ***SMP7WP***  
- *12VDC or 24VDC @ 6 amp.*

### Overview:

These Altronix High Current Weatherproof Power Supplies provide 6VDC, 12VDC or 24VDC and are designed to be mounted outdoors to reduce installation and wiring costs, while increasing efficiency and reliability.

### SMPWP Reference Chart:

Altronix Model Number	Total Output Current (Power)	Output Voltage	Number of Outputs			6VDC		12VDC		24VDC		115VAC 50/60Hz Input Current
			SW1	SW2	SW1	SW2	SW1	SW2				
SMP3WP	2.5 amp	6, 12 or 24VDC	1	ON	OFF	OFF	OFF	OFF	OFF	ON	1.45 amp	
SMP5WP	4 amp	6, 12 or 24VDC	1	ON	OFF	OFF	OFF	OFF	OFF	ON	1.45 amp	
SMP7WP	6 amp	12 or 24VDC	1	-	-	OFF	-	ON	-	-	1.45 amp	

### Specifications:

- AC and DC power LED indicators.
- Switch selectable output.
- Ease of installation saves time and eliminates costly labor.
- NEMA 4 weatherproof enclosure.

### Enclosure Dimensions:

12"H x 8"W x 6"D

### Installation Instructions:

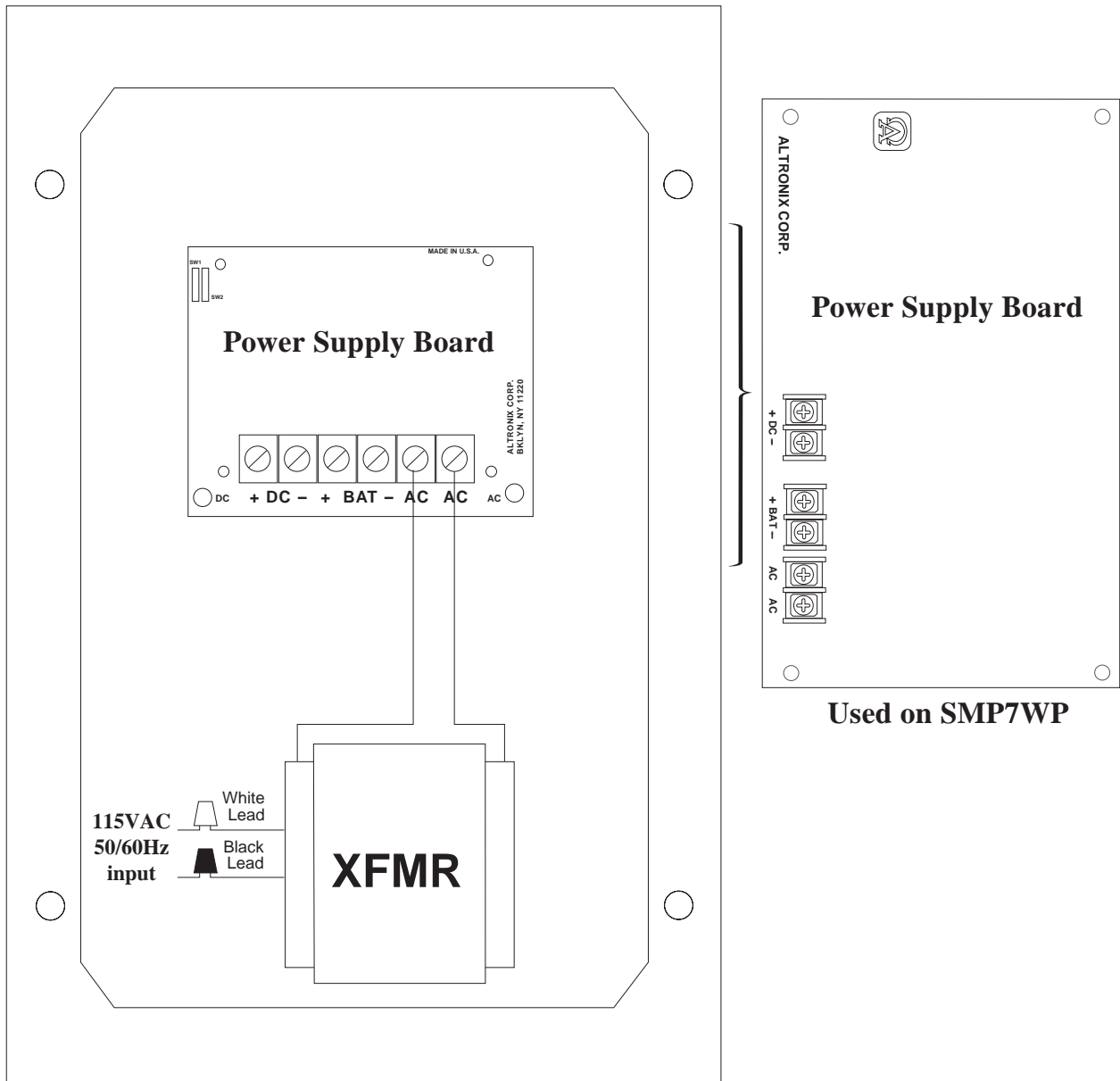
1. Mount enclosure in desired location.
2. Place switch(es) in appropriate position (*SMPWP Reference Chart, above*).
3. Measure output voltage before connecting devices. This helps avoid potential damage.
4. Connect devices to be powered to terminals marked DC POS (+), DC NEG (-), carefully observing polarity.  
**Note:** Power supplies mounted in weatherproof enclosures should be derated by approximately 50% to account for extreme environmental conditions.
5. Connect AC power to the two black and two white flying leads of the transformer (*Fig. 1, pg. 3*). Use 18 AWG or larger for all power connections (Battery, AC output).  
**Keep power limited wiring separate from non-power limited wiring (115VAC 50/60Hz Input, Battery Wires). Minimum .25" spacing must be provided. Use separate knockouts.**
6. Green LED will illuminate when unit is powered.
7. Upon completion of wiring, secure enclosure door.  
**Caution: Equipment to be installed / serviced by authorized / trained personnel only. Shut branch circuit power before installing / servicing equipment.**

**WARNING: To reduce the risk of fire or electric shock, do not expose the unit to rain or moisture. This installation should be made by qualified service personnel and should conform to all local codes and in accordance with the National Electrical Code.**

### 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. Short circuit or thermal overload condition.
OFF	OFF	No DC output. Loss of AC. Discharged or no battery present.

Fig. 1



The lightning flash with arrow head symbol within an equilateral triangle is intended to alert the user to the presence of an insulated "DANGEROUS VOLTAGE" within the products enclosure that may be of sufficient magnitude to constitute an electric shock.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



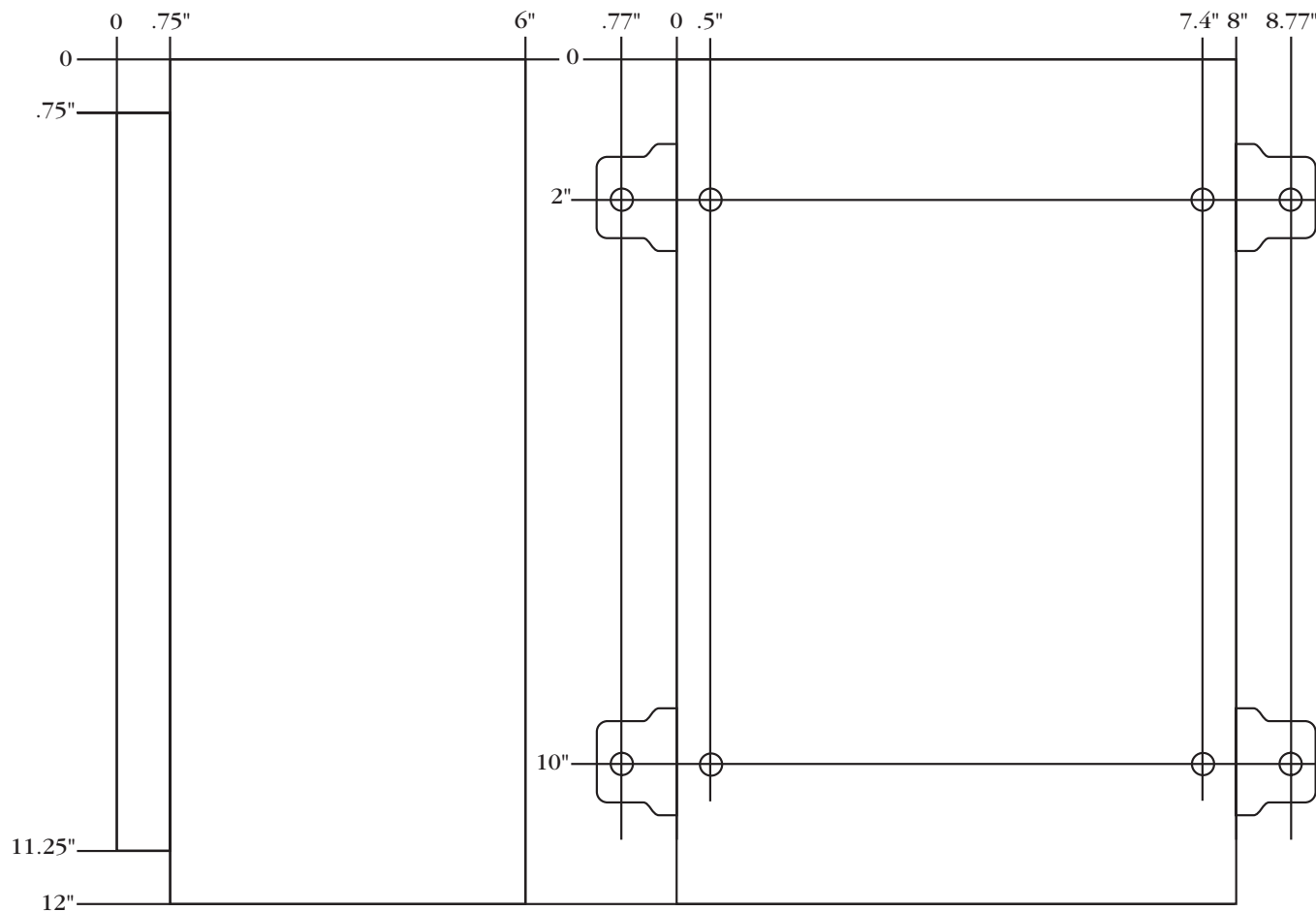
**CAUTION**  
RISK OF ELECTRIC SHOCK  
DO NOT OPEN



**CAUTION:** To reduce the risk of electric shock do not open enclosure. There are no user serviceable parts inside. Refer servicing to qualified service personnel.

**Enclosure Dimensions:**

12"H x 8"W x 6"D



Altronix is not responsible for any typographical errors.

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