



N9460-1 10/95

ADPOWER AD25624 POWER SUPPLY

INSTALLATION INSTRUCTIONS

The **AD25624** is an auxiliary power supply/battery charger which provides 12 or 24VDC, 2.5A continuous output to power alarm devices.

INSTALL THE POWER SUPPLY AS FOLLOWS:

It may be mounted with double-sided tape or with standoffs used in conjunction with the mounting holes provided at the circuit board's corners. *In any event, take care that the rear of the circuit board is not mounted directly in contact with a metal surface.*

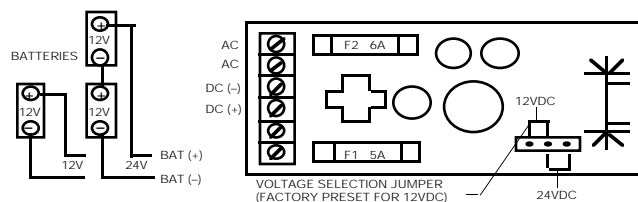
1. The AD25624 is factory preset for 12VDC operation. If 24VDC operation is desired, move the jumper on the circuit board (see diagram) to the 24VDC position. **The transformer will run hot.** If you prefer a transformer in a cabinet, purchase the 1451-24.
2. Mount the transformer securely on a wooden wall stud, away from anything that might cause a short.
3. Connect the **yellow** wires from the AC transformer (No. XF30) to the terminal block's "AC" input terminals. If using the 1451-24, take the caps off the yellow wires and put them on the blue wires. **Do not use the blue wires!** Do not connect the transformer to power at this time.
4. Connect the "DC(+)" and "DC(-)" output terminals of the power supply to the alarm device(s) requiring power. *Observe polarity!*
5. Connect the "DC(-)" negative output terminal to the ground terminal of the alarm control.
6. a) 12V Battery Connection: Connect the battery's positive (+) terminal (or red lead) to the power supply's "BAT(+)" terminal and connect the battery's negative (-) terminal (or black lead) to the power supply's "BAT(-)" terminal.
b) 24V Battery Connection: Connect two 12V batteries in series (positive terminal of one to the negative terminal of the other) and connect the combination's remaining positive (+) and negative (-) terminals to the power supply's "BAT(+)" and "BAT(-)" terminals respectively, as described in step 5a.
7. Wire the transformer into an uninterrupted 120VAC outlet.

TRANSFORMER: 30VAC, 188VA (Ademco No. XF30 or 1451-24 XfMR in cabinet)

BATTERY: Standard 4AH gel cell type

FUSES: F1 (Battery) = 5Amp 32V Normal (Ademco Part # 90-9)

F2 (AC Input) = 6Amp 3AG Fast (Ademco Part # N9544)



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ALARM DEVICE MANUFACTURING CO.

A DIVISION OF PITTSWAY CORP.

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