



ALTV1224C AC/DC Dual Output Power Supply

Overview:

The Altronix ALTV1224C AC/DC Dual Output Power Supply is designed to provide both 12VDC and 24VAC outputs where a combination of both AC and DC outputs are required. It will provide eight (8) 3.5 amps 12VDC outputs and eight (8) 3.5 amps 24 VAC outputs.

Specifications:

- 115 VAC 50 / 60 HZ, 1.45 amps.
- 7 amps total continuous output current.
- 3.5 amps continuous supply current at 24VAC output.
- 3.5 amps continuous supply current at 12VDC.
- 16 individually fused outputs.
(8 outputs @ 12VDC and 8 outputs@ 24VAC) (Fig. 1).
- Main fuses are rated at 5 amps / 250VAC (Fig. 1).
- AC /DC power LED indicator.
- Surge protection.
- Spare fuses included.
- Unit maintains camera synchronization.
- Power ON/OFF switch.
- Ease of installation saves time and eliminates costly labor.

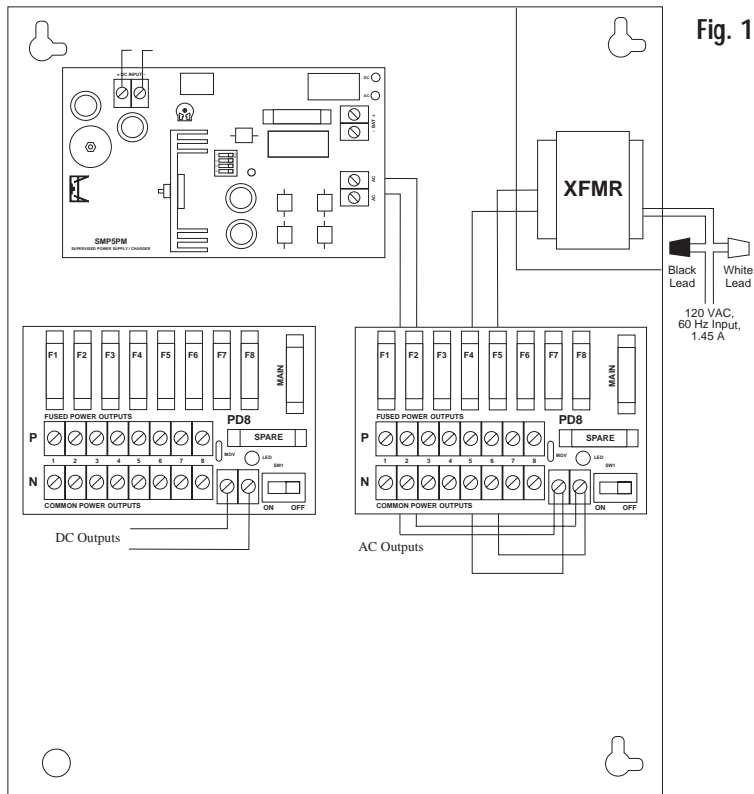
Enclosure dimensions: 15.5"H x 12"W x 4.5"D

Optional available with 220VAC input order model # ALTV1224C/220.

Installation Instructions:

1. Mount ALTV1224C enclosure in desired location.
2. Slide switch SW1 (Fig. 1) to OFF position.
3. Connect the AC (115 VAC 50 / 60 Hz) to the two black and white flying leads of the transformers (Fig 1).
4. Connect devices to output terminals using the following procedure (Fig. 1).
Connect each DC device to terminal pairs on DC output board 1 thru 8, marked [P (+) and N (-)] **carefully observing correct polarity.**
Connect each AC device to terminal pairs on AC output board 1 thru 8, marked [P (+) and N (-)].
Note: Is good operating practice to measure output voltage before connecting devices.
5. When batteries are being used the DC output voltage must be adjusted by turning the trim pot VR1 (Fig 1) clockwise to increase the output voltage to 13.7 VDC. Connect battery to terminals marked [- BAT +] (Fig. 1) on the unit (battery leads included).
CAUTION: Determine the maximum operating voltage of the equipment being powered before adjusting the output voltage. When the battery charging voltage is increased the DC output voltage will also increase.
6. Slide switch SW1 (Fig. 1) to ON position.
7. Green LED on the PD8's will illuminate when power is present.
8. Upon completion of wiring, secure enclosure door with screws (supplied).

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.



Terminal Identification:

SMP5

Terminal Legend	Function/Description
AC/ AC	Low voltage AC input (24VAC / 175VA). Altronix part # T24175
+ DC -	12VDC 3.5 amps total continuous output.
- BAT +	Stand-by battery connections. Maximum charge rate .5 amp.

PD8 (DC output)

1P - 8P	Positive DC power outputs.
1N - 8N	Negative DC power outputs.

PD8 (AC output)

1P - 8P	AC power outputs.
1N - 8N	AC power outputs.

Enclosure dimensions:
15.5"H x 12"W x 4.5"D

