

Axis^{AX}

Power Supply Charger AX-PSU-6

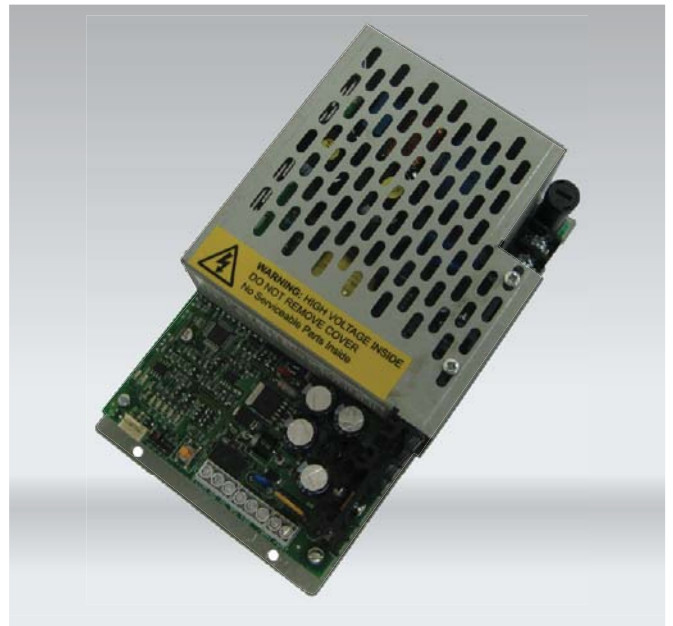
The Advanced AX-PSU-6, Power Supply Charger, is an Axis^{AX} Series power supply charger for use with the Advanced AV-AMP-80, Audio Amplifier Module, and other peripheral products requiring 24 VDC and battery backup.

The AX-PSU-6 is a completely self-contained microprocessor controlled; switching power supply designed using the latest surface mount technology to maximize energy and enclosure space.

Simple to install, the AX-PSU-6 typically mounts in an Axis^{AX} Series, AV-VBM or AV-VB enclosure. The unit mounts with screws to dedicated standoffs located each type of enclosure.

The charger of the AX-PSU-6 supplies a supervised temperature compensated 1.5 Amp charger current which can charge up to 45 Ah batteries. In addition, the charger offers battery protection against deep discharge and supervises for battery cell failure.

Each AX-PSU-6, Power Supply Charger, incorporates a fail-safe Form "C" trouble relay contact for use in monitoring power supply charger status. In addition to the trouble contact, there are seven (7) onboard diagnostic LEDs for indication of proper operation, ground fault, battery status, charger and power supply status.



Unique Features:

- 120 or 240 VAC Input, 50/60 Hz
- 6 Amp Power Supply Charger (1.5 Amp dedicated to battery charging)
- Charger Monitors for Battery Cell Failure
- Interfaces to AV-AMP-80 Amplifier and other Advanced Products
- Integral Emissions & Safety Shield

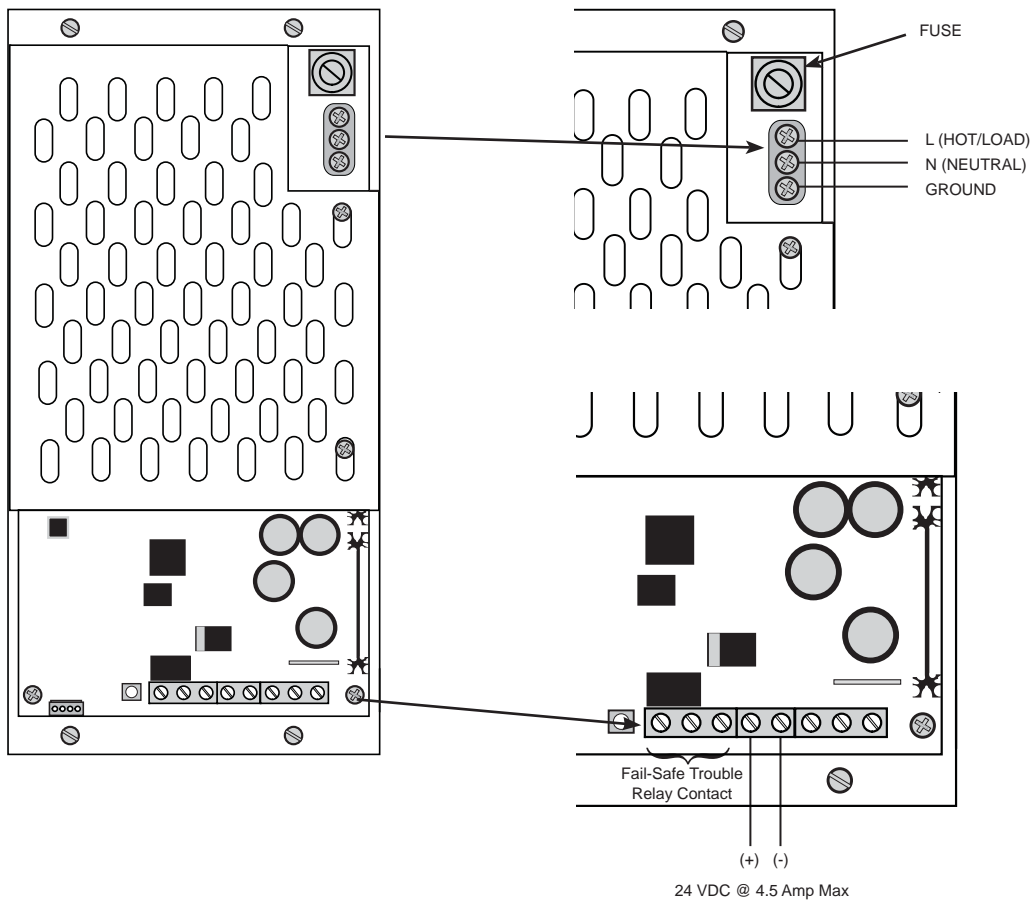
Features:

- 24 VDC Filtered, Regulated Power
- Max 1.5 Amp Charger Current* for 45 Ah Batteries
*deducted from overall 6 Amp supply
- High Efficiency Switching Mode Power Supply
- Fully Self-Contained
- Form C Fail-Safe Trouble Contact
- Dedicated Diagnostic LEDs

Listings and Approvals:

- ETL ANSI/UL 864/1711/1481 Listed: 101564744NYM-001, 100027836NYM-001c
- CSFM Approved: 7165-1713:0101
- NYCFD COA #6105

AX-PSU-6 (Power Supply Charger) Wiring



Ordering Information

AX-PSU-6 Power Supply Charger

AX-PSU-6 Power Supply Charger Specifications

AC Input	120 VAC - 240 VAC, 3 Amp (max), 50/60 Hz
DC Supply Voltage	Filtered, Regulated 24 VDC
DC Supply Current (including charger)	6 Amp (1.5 Amp dedicated to battery charging)
Battery Charger Capacity Maximum Battery	Max 1.5 Amp (deducted from overall 6 Amp Supply) 45 Ah
Environment	Indoor, Dry
Operating Temperature	32-120° F (0-48° C)
Humidity	10-95% (non-condensing)
Dimensions	7 1/4" L x 4 1/4" W x 2 5/8" H
Weight	1 lb 10.6 oz

As our policy is one of constant product improvement the right is therefore reserved to modify product specifications without prior notice.



Advanced Fire Systems Inc
100 South Street, Hopkinton, MA 01748

Tel: (508) 435-9995
Fax: (508) 435-9990
Email: usa@advancedco.com
Web: www.advancedco.com