Axis AX

Power Supply Charger

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 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 Amp charger current which can charge up to 26 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.



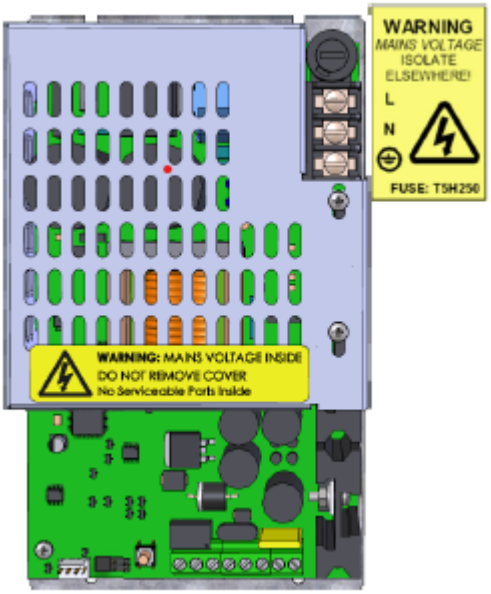
Features

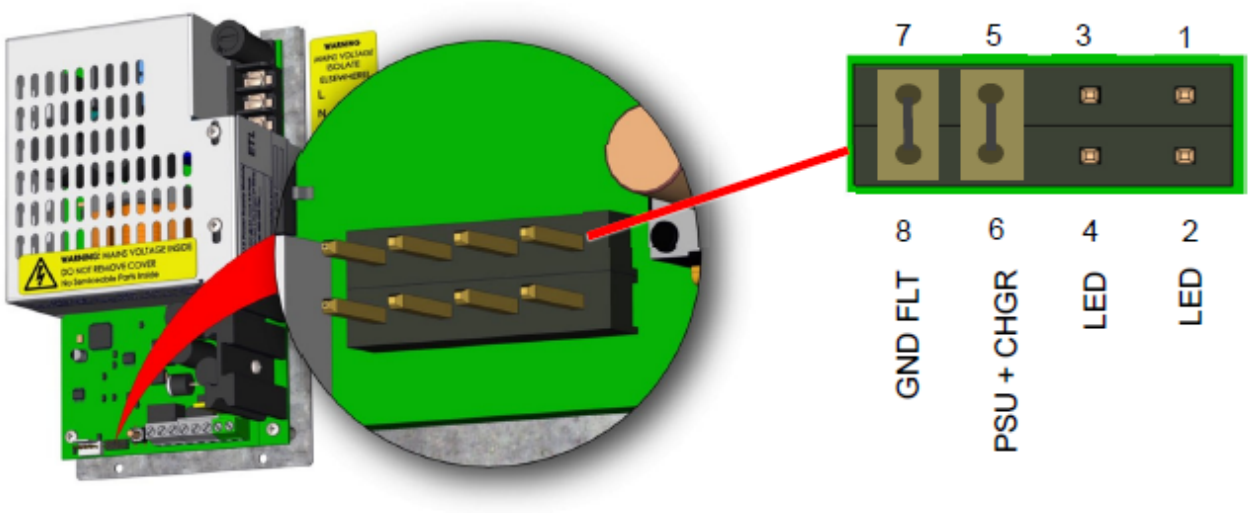
- 120 or 240 VAC Input, 50/60 Hz
- 5 Amp Power Supply Charger (1 Amp dedicated to battery charging)
- Charger Monitors for Battery Cell Failure
- Interfaces to AV-AMP-80 Amplifier and other Advanced Products
- Integral Emissions & Safety Shield
- 24 VDC
- Max 1 Amp Charger Current, for 26 Ah Batteries. Deducted from overall 5 Amp supply
- High Efficiency Switching Mode Power Supply
- Fully Self-Contained
- Form C Fail-Safe Trouble Contact
- Dedicated Diagnostic LEDs

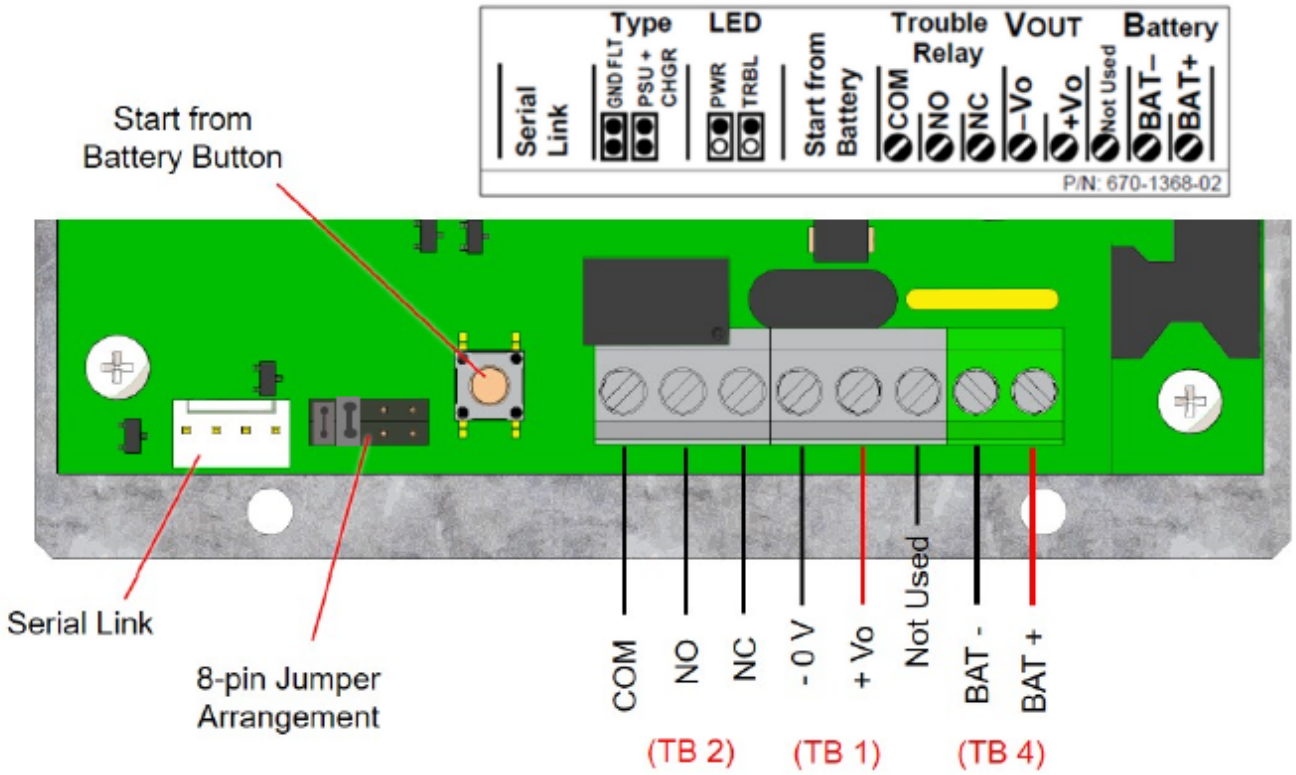
Listings and Approvals

- Certified to UL864 10th Edition – File No. S35979
- CSFM Approved: Pending
- NYCFD COA: Pending

Wiring Diagram







Specification

AC Input	120 VAC - 240 VAC, 50/60 Hz
DC Supply Voltage Current (Including charger)	 24 VDC* 5 Amp (1 Amp Dedicated to Battery Charging)
Battery Charger Capacity Maximum Battery	Max 1 Amp (Deducted from Overall 5 Amp Supply) 26 Ah
Environment	Indoor, Dry
Operating Temperature	32°F-120°F (0°C-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

*For use with listed/compatible product

Order Codes and Options

AX-PSU-6	Power Supply Charger

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