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.



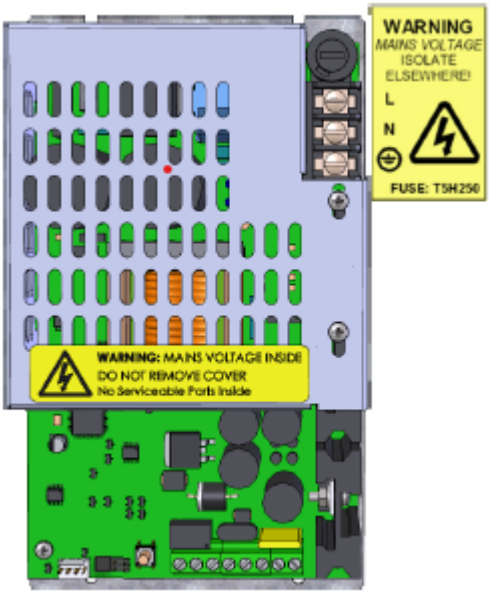
Features

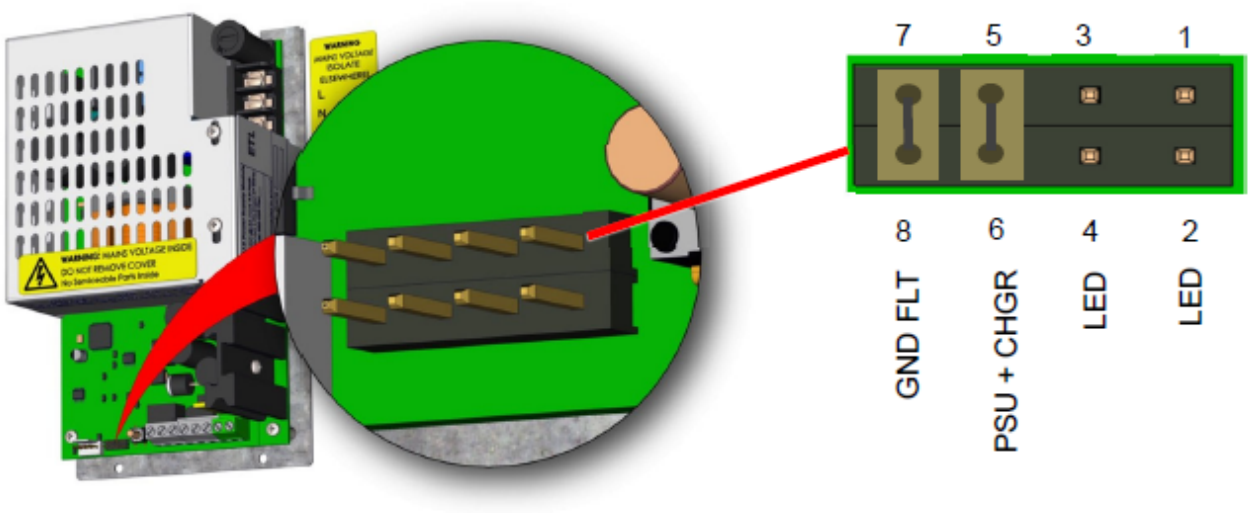
- 120 or 240 VAC Input, 50/60 Hz
- 5 Amp Power Supply Charger (1 Amp dedicated to battery charging)
- Charger Monitors for Battery Cell Failure
- Interfaces to AV-AMP-80 Amplifier and other Advanced Products
- Integral Emissions & Safety Shield
- 24 VDC
- Max 1 Amp Charger Current, for 26 Ah Batteries.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

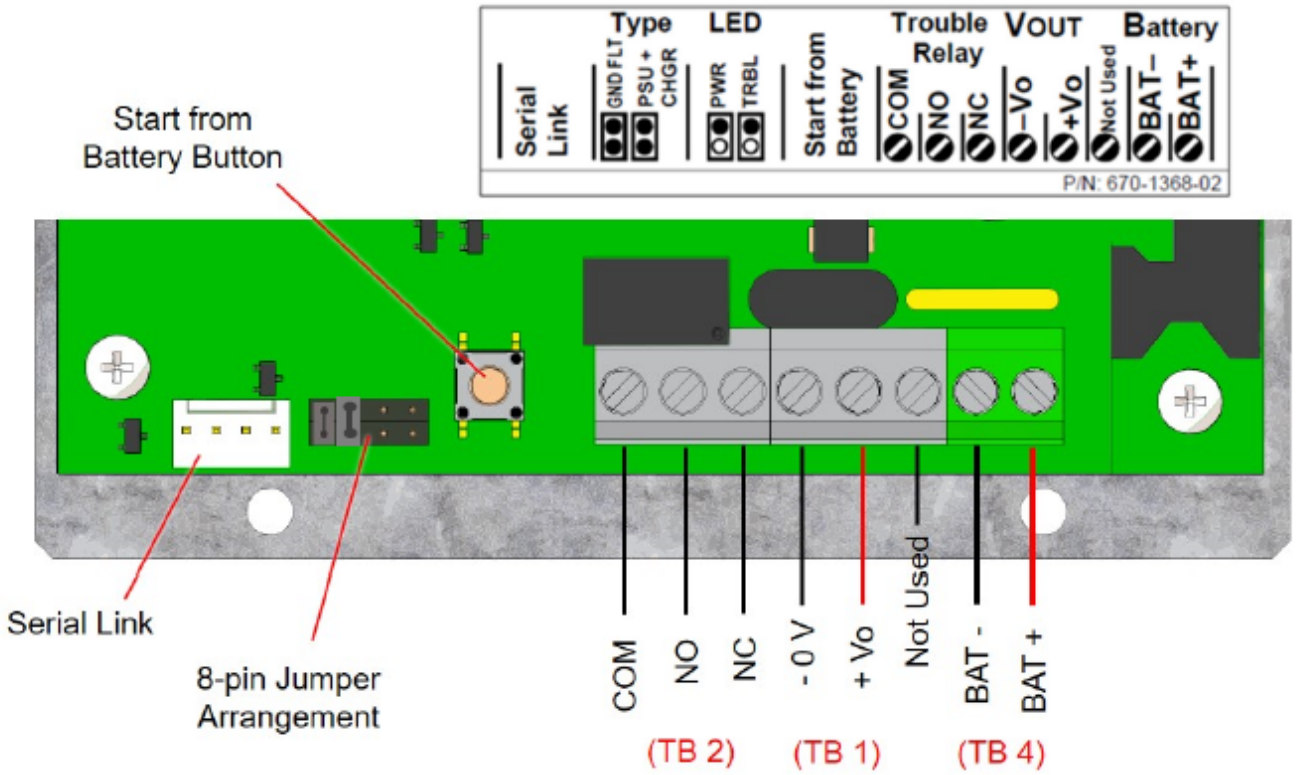
Listings and Approvals

- 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

Advanced, The Bridges, Balliol Business Park, Newcastle upon Tyne, NE12 8EW, UK T: +44 (0)345 894 7000 E: enquiries@advancedco.com
W: www.advancedco.com

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

Advanced

Axis AX

Expansion Power Supply Module

The AX-PSU is an Expansion Power Supply Module for use with the Advanced Axis AX Series Intelligent Fire Alarm Control Panels. The Expansion Power Supply Module provides an additional 3 amp of filtered, regulated, 24 VDC power for notification appliance circuits and auxiliary power outputs.

The AX-PSU is a completely self-contained, temperature compensated, switching power supply designed to maximize energy and enclosure space.

Simple to install, the AX-PSU typically mounts in an Axis AX Series enclosure. The unit mounts with screws to dedicated standoffs located on the right-hand side of the enclosure back box, below the base card. AC power is fed from the AC terminal block of the Axis AX Series AX-ACB module to the AX-PSU via a pluggable Molex connector. Expansion Power Supply Module availability and supervision is accomplished through wiring of the AX-PSU to the Axis AX Series AX-CTL base card.



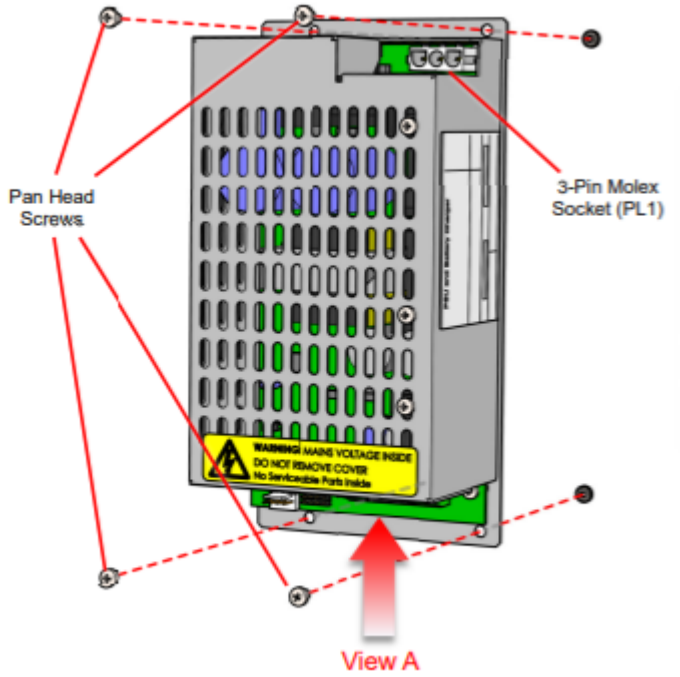
Features

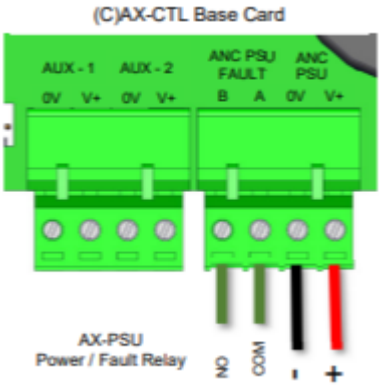
- 120 or 240 VAC Input, 50/60 Hz
- 27.4 VDC @ 5 Amp
- Temperature Compensated Output
- Switching Power Supply Technology
- Filtered & Regulated Power Output
- Emissions & Safety Shield
- ANSI / UL 864 Listed
- 3 Amp @ 24 VDC Filtered, Regulated Supply
- Easy Cabinet Mount
- Energy & Space Saving Design
- Fully Self-Contained
- Can be set to PSU only or PSU and charger

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 Output Voltage Current	 24 VDC 3A PSU & charger, 5A PSU only
Output Voltage	Filtered, Regulated Temperature Compensated (Tracks AX-CTL Base Card DC Supply)
Environment	Indoor, Dry
Operating Temperature	32ºF-120ºF (0ºC-48ºC)
Humidity	10-95% (Non-condensing)
Dimensions	7.19”W x 3.69”H x .2.31”D
Weight	1 lb 10 oz

Order Codes and Options

AX-PSU	Expansion Power Supply Module

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