Advanced

Axis AX

Power Supply Charger

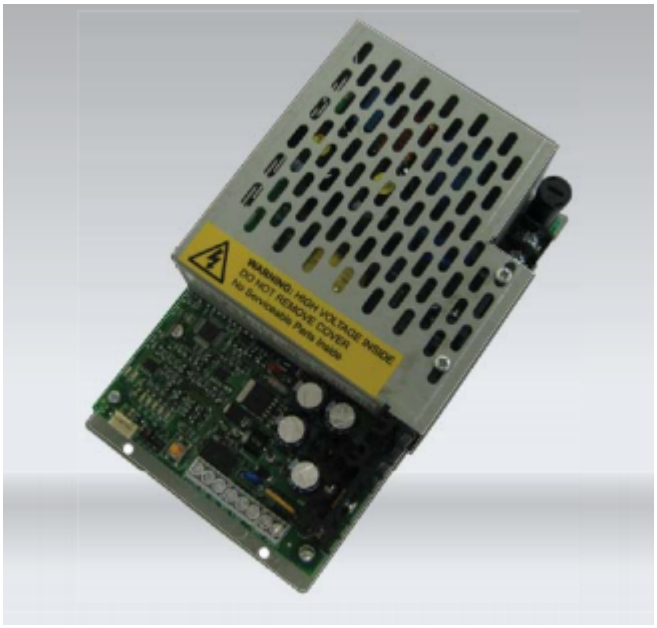
The Advanced CAX-PSU-6, Power Supply Charger, is an Axis AX Series power supply charger for use with the Advanced CAV-AMP-80, Audio Amplifier Module, and other peripheral products requiring 24 VDC and battery backup.

The CAX-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 CAX-PSU-6 typically mounts in an Axis AX Series, CAV-VBM or CAV-VB enclosure. The unit mounts with screws to dedicated standoffs located each type of enclosure.

The charger of the CAX-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 CAX-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.



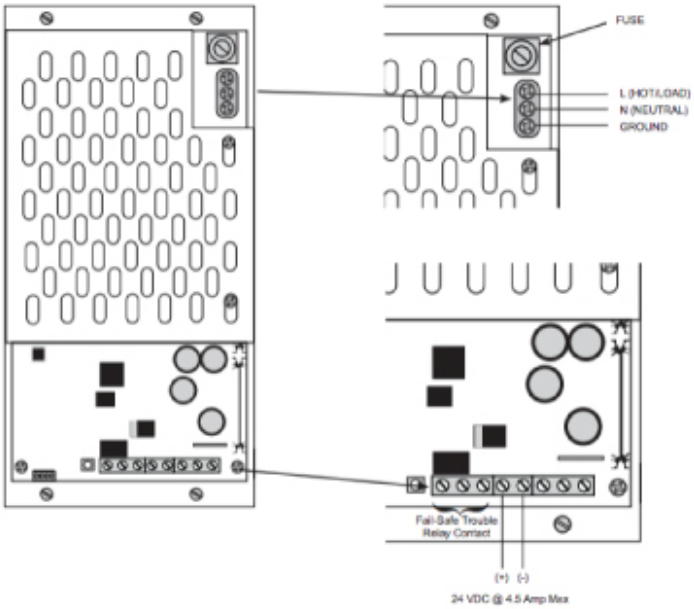
Features

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

- CAN/ULC-S527-11 & CAN/ULC-S559-04 Listed: 100780709NYM-001

Wiring Diagram



Specification

AC Input	120 VAC - 240 VAC, 3 Amp (Max), 50/60 Hz
DC Supply Voltage Current (Including charger)	Filtered, Regulated 24 VDC 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°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

Order Codes and Options

CAX-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.