

AMPS-24/E

Power Supply

for the NFS-3030, NFS2-3030 and NCA-2



CatalogSection

General

NOTIFIER's AMPS-24/E is an addressable power supply and battery charger with up to three 24 VDC outputs. It operates in either FlashScan® or CLIP (Classic Loop Interface Protocol) mode with the NFS-3030/NFS2-3030 Fire Alarm Control Panel (FACP). It can also be used as the primary power supply for the NCA-2 Network Control Annunciator.

Features

- Addressable by NFS-3030/NFS2-3030 FACP.
- Selectable charging current charges 7 AH to 200 AH batteries.
- Isolated Signaling Line Circuit (SLC) interface.
- Trouble bus input for use with normally-open dry contacts or open-collector circuit.
- USB Type B connector for programming installation parameters.
- Brownout detection.
- Battery/battery charger supervision.
- Secondary Power Auxiliary Outputs: 24V @ 0.5A and 5V @ 0.15A.
- AC loss detection and AC loss delay reporting.
- Mounts in a CAB-4 Series enclosure, EQ Cabinet Series enclosure, BB-25, BB-100, or BB-200 Battery Backbox.

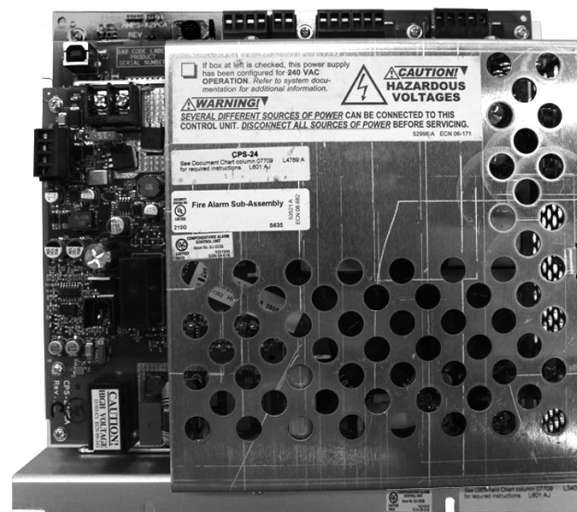
Specifications

- Primary (AC) power:
AMPS24: 110-120 VAC 50/60 Hz input, 5 A maximum;
AMPS24E: 220-240 VAC 50/60 Hz input, 2.5 A maximum.
- MAIN 24V Output - filtered power-limited power. Refer to table for configuration/current information.

Charger Setting/ Battery Size	Main 24V (TB 1 on Main Control Unit) Max. Current	*Total AUX 24V (TB3 on Main Control Unit with TB2 on CPS- 24) Max. Current
1A/7-26AH Bat- teries	5A	3A
2A/12-60AH Bat- teries	5A	3A
5A/55-200AH Configuration 1 Configuration 2	5A 3A	0A 1A
Disabled	5A	5A

* Maximum current for all AUX 24 volt outputs. Note that TB2 on CPS-24 is limited to 0.5A.

- AUX 24V - provides filtered power-limited power for additional components. Refer to table above for configuration/current information.
- Secondary power (battery) charging circuit: Current-limited, sealed lead-acid battery charger which will charge 7 to 200 AH batteries.
Selectable charging current: 1.0 A, 2.0 A or 5.0 A.
- Secondary power auxiliary outputs.
- Wire sizes: 10 AWG (5.26 mm²) to 22 AWG (0.326 mm²).
- Battery fuse (F2): 15 A, fast-acting.
- Shipping Weight: 4.25 lb



Agency Listings and Approvals

These listings and approvals apply to the AMPS-24/E power supply. In some cases, certain modules may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.

- UL: S635
- ULC: CS118
- City of Chicago
- City of Denver
- MEA: 345-02-E
- CSFM: 7165-0028:224
- FM: Approved
- FDNY: #6026

Product Line Information

AMPS-24: Addressable power supply/battery charger

AMPS-24E: Same as AMPS-24: 220-240VAC operation

FlashScan® is a registered trademark of Honeywell International Inc.
©2009 by Honeywell International Inc. All rights reserved. Unauthorized use
of this document is strictly prohibited.



This document is not intended to be used for installation purposes.
We try to keep our product information up-to-date and accurate.
We cannot cover all specific applications or anticipate all requirements.
All specifications are subject to change without notice.



Made in the U.S. A.

For more information, contact Notifier. Phone: (203) 484-7161, FAX: (203) 484-7118.
www.notifier.com