



Overview

eFlow3N is a power supply/charger that converts a 120VAC, 60Hz input into a single 12VDC or 24VDC power-limited output.



Specifications

Input:

- 120VAC, 60Hz, 3.5 amp.
- Input fuse: 5A/250V.

Output:

- 12VDC or 24VDC selectable output.
- 12VDC or 24VDC @ 2.0 amp supply current.
- Power-limited output.
- Auxiliary power-limited output rated @ 1 amp (unswitched).
- Overvoltage protection.

Battery Backup:

- Built-in charger for sealed lead acid or gel type batteries.
- Maximum charge current 1.54 amp.
- Automatic switch over to stand-by battery when AC fails. Transfer to stand-by battery power is instantaneous with no interruption.

Supervision:

- AC fail supervision (form "C" contacts).
 - Notification trigger is selectable for 30 seconds (factory set) or 2 hours.
- Battery fail & presence supervision (form "C" contacts).
- Low power shutdown. Shuts down DC output terminals if battery voltage drops below 71-73% for 12V units and 70-75% for 24V units (depending on the power supply). Prevents deep battery discharge.

Fire Alarm Disconnect:

- Supervised Fire Alarm disconnect (latching or non-latching) 10K EOL resistor. Operates on a normally open (NO) or normally closed (NC) trigger.

Electrical:

- Operating temperature: 0° C to 49° C ambient.
- BTU/Hr.:
 - 12VDC: 12.28 BTU/Hr.
 - 24VDC: 24.57 BTU/Hr.
- System AC input VA requirement: 420VA.

Visual Indicators:

- Green AC Power LED indicates 120VAC present.
- AC input, DC output, and Battery LED indicators.

Additional Features:

- Short circuit and overload protection.
- Unit is complete with power supply, enclosure, battery leads and cam lock.

Mechanical:

- Enclosure Dimensions (H x W x D approx.): 13.5" x 13" x 3.25" (342.9mm x 330.2mm x 82.55mm)
- Accommodates up to two (2) 12VDC/7AH batteries.
- Product weight (approx.): 6.3 lbs. (2.86 kg).
- Shipping weight (approx.): 7.2 lbs. (3.27 kg).

Agency Approvals



- UL 294 UL Listed for Access Control System Units.
- UL 603 UL Listed for Power Supplies for Use with Burglar-Alarms Systems.
- UL 1481 UL Listed for Power Supplies for Fire Protective Signaling Systems.



- ULC-S318-96 - Power Supplies for Burglar Alarm Systems. Also suitable for Access Control.



- CE - European Conformity



- CSFM - California State Fire Marshal Approved.

Enclosure Dimensions (H x W x D approximate):
13.5" x 13" x 3.25" (342.9mm x 330.2mm x 82.55mm)

