



eFlow3NB

Overview

eFlow3NB is a UL Recognized power supply/charger that converts a 120VAC, 60Hz input into a single 12VDC or 24VDC power-limited output.

**Specifications****Input Rating:**

- Input 120VAC 60Hz, 3.5 amp.

Output:

- Power-limited output.
- 12VDC or 24VDC selectable output.
- 2 amp continuous supply current.
- Filtered and electronically regulated output.
- Aux. power-limited output rated @ 1 amp (unswitched).
- Overvoltage protection.
- Filtered and electronically regulated outputs.

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.

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.

Supervision:

- AC fail supervision (form “C” contacts).
 - Notification trigger is selectable for 30 seconds (factory set) or 2 hours.
- Battery fail and 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.

Electrical:

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

Visual Indicators:

- AC input, DC output and Battery LED indicators.

Additional Features:

- Short circuit and overload protection.

Mechanical:

- Product weight (approx.): 0.7 lbs. (0.32 kg).
- Shipping weight (approx.): 0.8 lbs. (0.36 kg).
- Board dimensions (L x W x H approx.): 7.5” x 4.6” x 1.75” (190.5 mm x 116.84 mm x 44.45 mm)

Agency Approvals

UL Recognized component for: Access Control System Units (UL 294)
Power Supplies for use with Burglar-Alarm Systems (UL 603)
Power Supplies for Fire Protective Signaling Systems (UL 1481).
cUL Listed ULC-S318-96: Power Supply for Burglar Alarm Systems.

Board Dimensions (L x W x H approximate):

7.5" x 4.6" x 1.75" (190.5 mm x 116.84 mm x 44.45 mm)

