



eFlow4NB

### Overview

The eFlow4NB power supply/charger converts a 120VAC / 60Hz input to a 12VDC or 24VDC @ 4 amp output.



### Specifications

#### **Input Rating:**

- Input 120VAC 60Hz, 3.5 amp.

#### **Output:**

- Power-limited output.
- 12VDC or 24VDC selectable output.
- 4 amp continuous supply current.
- 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 80% of nominal. Prevents deep battery discharge.

#### **Electrical:**

- Operating temperature: 0° C to 49° C ambient.
- 24.57-49.13 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.): 0.85 lbs. (0.39 kg).
- Shipping weight (approx.): 1.0 lbs. (0.45 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)

