



eFlow6NX16

### Overview

eFlow6NX16 is a power supply/charger that converts a 120VAC 60Hz input into sixteen (16) 12VDC or 24VDC fuse protected outputs. The unit includes an unswitched aux. output. It also offers a suite of features that includes fire alarm disconnect, overvoltage protection, and low power disconnect which prevents deep discharge of stand-by batteries.



### Specifications

#### **Input:**

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

#### **Output:**

- Sixteen (16) fuse protected outputs.
- 12VDC or 24VDC @ 6.0 amp supply current.
- Outputs are rated at 2.5 amp.
- 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 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.

#### **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: 36.85 BTU/Hr.
  - 24VDC: 73.71 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.):
  - 15.5" x 12" x 4.5" (393.7mm x 304.8mm x 114.3mm)
  - Accommodates up to two (2) 12VDC/12AH batteries.
- Product weight (approx.): 8.65 lbs. (3.92 kg).
- Shipping weight (approx.): 9.75 lbs. (4.42 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):**  
 15.5" x 12" x 4.5" (393.7mm x 304.8mm x 114.3mm)

