



eFlow3NX

### **Overview**

eFlow3NX is a power supply/charger that converts a 120VAC/60Hz input into a single 12VDC or 24VDC Class 2 Rated 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).
- Ripple voltage: 960mV.
- Over Voltage 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).
- 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.):  
15.5" (393.7mm) x 12" (304.8mm) x 4.5" (114.3mm)  
- Accommodates up to two (2) 12VDC/12AH batteries.
- Product weight (approx.): 11.7 lbs. (5.31 kg).
- Shipping weight (approx.): 13.0 lbs. (5.90 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.



- CSFM - California State Fire Marshal Approved.

**Enclosure Dimensions (H x W x D) (approximate):**  
 15.5" (393.7mm) x 12" (304.8mm) x 4.5" (114.3mm)

