



eFlow4NX8

Overview

eFlow4NX8 is a power supply/charger that converts a 120VAC, 60Hz input into eight (8) fuse protected 12VDC or 24VDC power-limited outputs.



Specifications

Input:

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

Output:

- Eight (8) fuse protected power-limited outputs.
- 12VDC or 24VDC selectable output.
- 12VDC or 24VDC @ 4.0 amp supply current.
- Outputs are rated @ 2.5 amp.
- Auxiliary power-limited output rated @ 1 amp (unswitched).
- 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: 24.57 BTU/Hr.
24VDC: 49.15 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.): 8.55 lbs. (3.88 kg).
- Shipping weight (approx.): 9.6 lbs. (4.35 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.

Technical drawing of the top view of a rectangular plate with three circular holes. The plate has overall dimensions of 15.75 inches (400 mm) by 11.75 inches (298 mm). The three holes are arranged horizontally. The center-to-center distance between the first and second hole is 4.615 inches (117.22 mm). The center-to-center distance between the second and third hole is 4.615 inches (117.22 mm). The distance from the left edge of the plate to the center of the first hole is 1.5 inches (38.1 mm). The distance from the right edge of the plate to the center of the third hole is 1.5 inches (38.1 mm). The holes have a diameter of 1.75 inches (44.45 mm). The drawing includes dimension lines and arrows indicating the measurements.

