



eFlow102NX8D



Overview

eFlow102NX8D is a power supply/charger that converts a 120VAC 60Hz input into eight (8) Class 2 Rated PTC protected power-limited 12VDC outputs with a total of 10 amps max. The unit includes a Class 2 rated unswitched aux. output. It also offers a suite of features that includes fire alarm disconnect, over voltage 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:

- Eight (8) Class 2 Rated PTC protected power-limited outputs.
- Outputs are rated @ 2 amp.
- 12VDC @ 10.0 amp supply current.
- 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% (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.: 61.42 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.): 11.85 lbs. (5.38 kg).
- Shipping weight (approx.): 13.15 lbs. (5.96 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

Technical drawing of a rectangular plate with three circular holes. The plate dimensions are 15.5" (393.7mm) wide and 1.75" (44.45mm) high. The holes are arranged horizontally with a center-to-center distance of 4.615" (117.22mm) between adjacent holes. The distance from the left edge to the first hole center is 1.5" (38.1mm), and the distance from the last hole center to the right edge is 1.5" (38.1mm). The holes have a diameter of 1.0" (25.4mm).

