**Description**

Altronix eFlow3N series power supply/chargers convert a 120VAC 60Hz input into a single or four (4) fuse/PTC protected Class 2 power-limited outputs. Power supply/charger is selectable for 12VDC or 24VDC with a total of 2A max. 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.

**Key Features**

- Available with 1 or 4 outputs.
- Fuse or PTC protected Class 2 power-limited outputs.
- Additional aux. Class 2 power-limited output rated @ 1A.
- Overvoltage protection.
- Fire alarm disconnect.
- Supervision
  - AC Fail
  - Battery Fail and Battery Presence
  - Low power shutdown.

- Built-in charger for sealed lead acid or gel type batteries.
- Instantaneous transfer to stand-by batteries.
- Short circuit and overload protection.
- AC input and DC output LED indicators.
- UL Listed in the U.S. and Canada.
- CE Approved.
- Lifetime Warranty / Made in the U.S.A.

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**eFlow3N series Power Supply Configuration Reference Chart**

<table>
<thead>
<tr>
<th>Altronix Model Number</th>
<th>Nominal DC Outputs</th>
<th>[DC]</th>
<th>[AUX]</th>
<th>Maximum Supply Current for Main and Aux. Outputs (A)</th>
<th>Input Rating: 120VAC, 60Hz</th>
<th>Input Fuse Rating</th>
<th>Battery Fuse Rating</th>
<th>Ripple Voltage (mV) Under low battery condition</th>
<th>Power Distribution Module</th>
<th>Number of Outputs</th>
<th>Fused Outputs Ratings</th>
<th>Auto-Resettable PTC Outputs Ratings</th>
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<tr>
<td>eFlow3NX</td>
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<td>eFlow3NX4</td>
<td>2A</td>
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<tr>
<td>eFlow3NX4D</td>
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Specifications

**Input**
- **Voltage**: 120VAC, 60Hz, 3.5A max.
- **Fuse Rating**: 5A/250V.

**Outputs**
- **Voltage**: 12VDC or 24VDC selectable.
- **Current**: 2A continuous max.
- **Protection**: Fused: 2A / PTC: 2A.
- **Auxiliary**: Class 2 power-limited @ 1A (unswitched).
- **Other**: Overvoltage protection. Filtered and regulated.

**Back-up Battery** *(not included)*
- **Capacity**: 7AH / 12VDC (1 or 2 within enclosure).
- **Type**: Sealed lead acid or gel type.
- **Fuse Rating**: 3A/32VDC.
- **Failover**: Upon AC loss, instantaneous.

**Fire Alarm Disconnect**
- **Supervised**: Latching or non-latching.
- **EOL**: 10K Resistor.

**Supervision**
- **AC Failure**: Form “C” contacts.
- **Battery**: Form “C” contacts.

**Low DC 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.

**Indicators (LED)**
- **Input**: 120VAC is present.
- **DC Output**: Powered.

**Agency Listings**

**UL:**
- UL294 Access Control System Units.
- UL603 Power Supplies for Use with Burglar-Alarms Systems.
- UL1481 Power Supplies for Fire Protective Signaling Systems.

**cUL:**
- ULC-S318-96 Power Supplies for Burglar Alarm Systems. Also suitable for Access Control.

**CSFM**
California State Fire Marshall Approved.

**CE**
European Conformity

**Physical and Environmental**

**Dimensions (H x W x D)**
eFlow3N, eFlow3N4(D):
- 13.5” x 13” x 3.25” (342.9mm x 330.2mm x 82.55mm).
eFlow3NX, eFlow3NX4(D):
- 15.5” x 12” x 4.5” (393.7mm x 304.8mm x 114.3mm).

**Model** | **Product Weight** | **Shipping Weight**
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eFlow3N | 6.3 lbs. (2.86 kg) | 7.2 lbs (3.27 kg)
eFlow3NX | 8.15 lbs. (3.7 kg) | 9.1 lbs (4.13 kg)
eFlow3N4(D) | 6.45 lbs. (2.93 kg) | 7.35 lbs (3.33 kg)
eFlow3NX4(D) | 8.3 lbs. (3.76 kg) | 9.6 lbs (4.2 kg)

**Temperature**
- **Operating**: 0°C to 49°C (32°F to 120°F).
- **Storage**: -20°C to 70°C (-4°F to 158°F).

**Relative Humidity**: 85% +/-5%.

**BTU/Hr. (approx.)**
- 12VDC: 12 BTU/Hr.
- 24VDC: 25 BTU/Hr.

**Accessories**

**Network Supervision**
Altronix model LINQ2 Network Communication Module provides remote supervision, control and monitoring over LAN/WAN
- Remotely reports accurate power diagnostics
- Controls power and resets devices
- Reports system diagnostics via Email

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