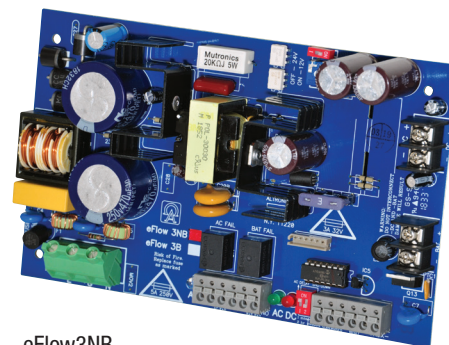


eFlow3NB

Power Supply/Charger Board



Altronix eFlow3NB UL Recognized power supply/charger converts a 120VAC, 60Hz input into a single 12VDC or 24VDC Class 2 Rated power-limited 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.



eFlow3NB

Specifications

Input

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

Outputs

| | |
|-----------|--|
| Voltage | 12VDC or 24VDC selectable |
| Current | 2A continuous max. Class 2 Rated power-limited output |
| Auxiliary | 1A Class 2 Rated power-limited output (unswitched) |
| Other | Overvoltage protection Filtered and regulated |

Battery Charging

| | |
|-------------------------------|------------------------------|
| Type | Sealed lead acid or gel type |
| Fuse Rating | 3A/32V |
| Failover | Upon AC loss, instantaneous |
| Batteries are sold separately | |

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 |
| Battery | Discharged or not connected |

Agency Listings

| | |
|-----------------------|----------------|
| UL294 | Access Control |
| UL603, ULC-S318-96 | Burglar Alarm |
| UL1481 | Fire Alarm |

Physical and Environmental

Dimensions (L x W x H)

Board: 7.5" x 4.6" x 1.75" (190.5mm x 116.8mm x 44.5mm)
Shipping: 10" x 8" x 4" (254mm x 203.2mm x 101.6mm)

Weight (approx.)

| | |
|------------------|-------------------|
| Product Weight: | 0.7 lb. (0.32 kg) |
| Shipping Weight: | 0.8 lb. (0.36 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. |

Lifetime Warranty

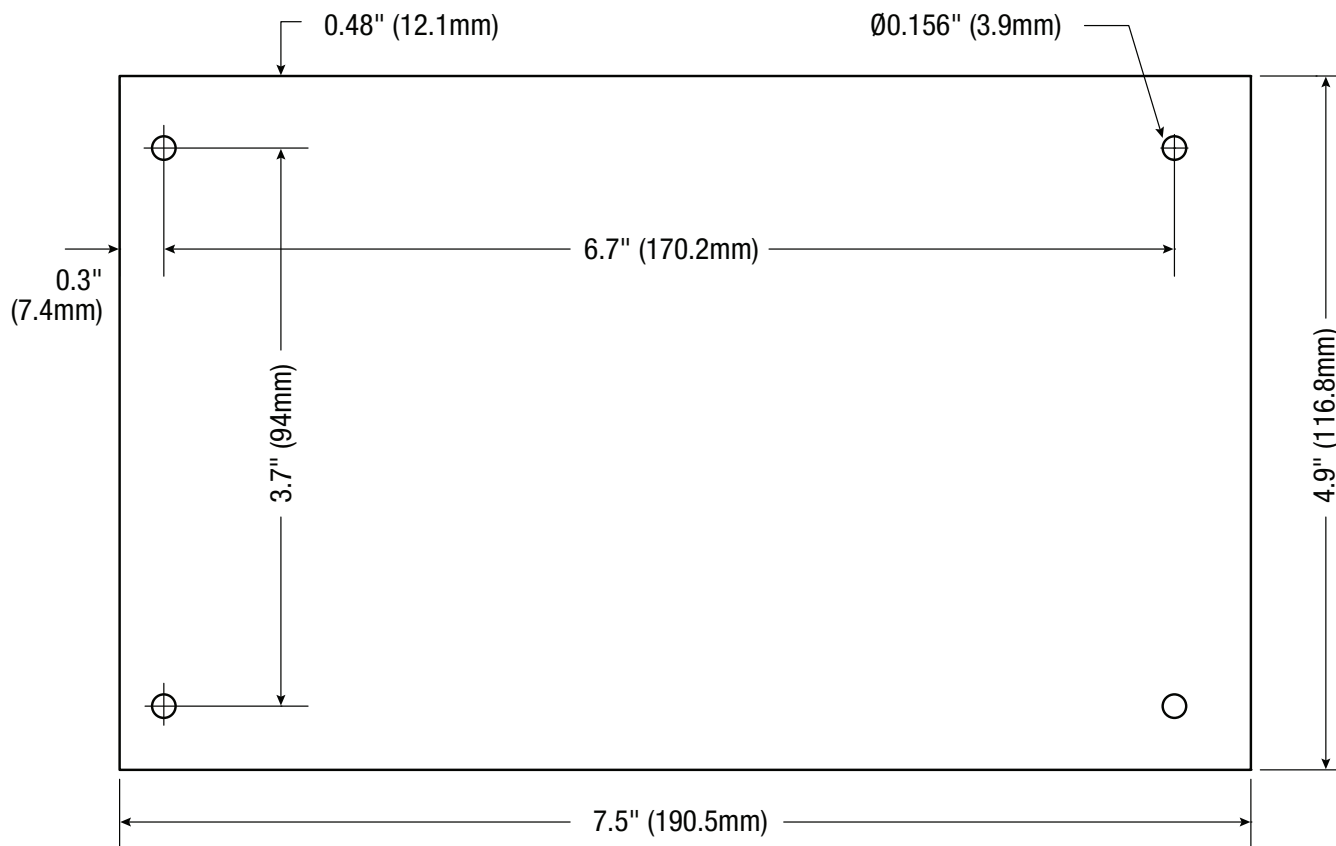
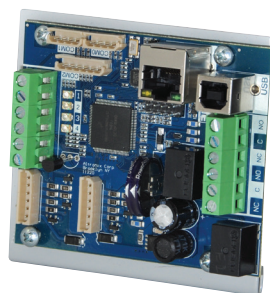
Altronix Corporation | 140 58th St | Brooklyn, NY 11220 USA

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Board Dimensions (L x W x H) and Drawing

7.5" x 4.6" x 1.75" (190.5mm x 116.8mm x 44.5mm)

Mounting Holes' Tolerance: +/- 0.04 in. (1mm).

**Accessories** (order separately)

LINQ2

LINQ2 - Network Supervision

Altronix 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

**Lifetime Warranty**

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