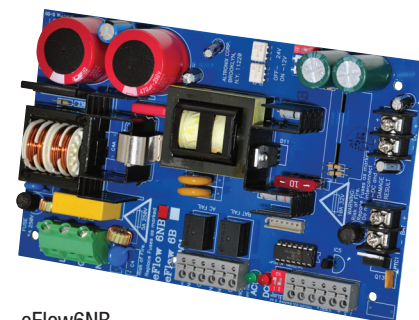


## eFlow6NB

### Power Supply/Charger Board



Altronix eFlow6NB UL Listed Sub-Assembly power supply/charger converts 120VAC, 60Hz input into a single 12VDC or 24VDC 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.



eFlow6NB

### Specifications

#### Input

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

#### Outputs

|           |                                                  |
|-----------|--------------------------------------------------|
| Voltage   | 12VDC or 24VDC selectable                        |
| Current   | 6A continuous max.                               |
| Auxiliary | Power-limited @ 1A (unswitched)                  |
| Other     | Overvoltage protection<br>Filtered and regulated |

#### Back-up Battery *(not included)*

|             |                              |
|-------------|------------------------------|
| Type        | Sealed lead acid or gel type |
| Fuse Rating | 10A/32V                      |
| 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      | Burglar Alarm    |
| ULC-S319-05      | Access Control   |
| CSA C22.2 No.205 | Signal Equipment |

### Physical and Environmental

#### Dimensions (L x W x H)

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

Product Weight 0.8 lb. (0.36 kg)

Shipping Weight 0.95 lb. (0.43kg)

#### 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: 37 BTU/Hr.

24VDC: 74 BTU/Hr.

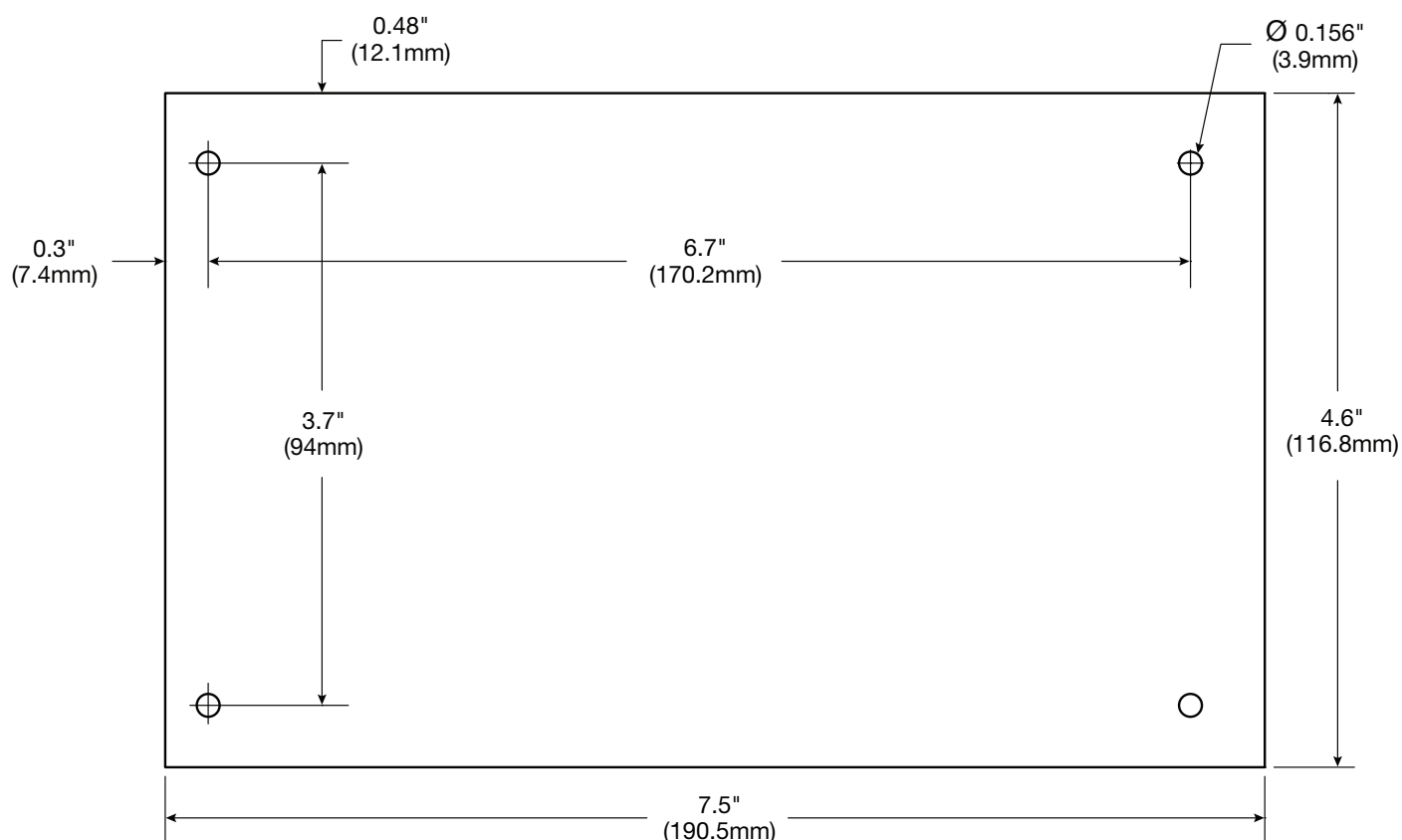
Mounting hardware included

### Lifetime Warranty

**Dimensions and Drawing**

Board Dimensions (L x W x H)

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

**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**

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

phone: +1 718.567.8181 | fax: +1 718.567.9056 | email: [info@altronix.com](mailto:info@altronix.com) | [www.altronix.com](http://www.altronix.com)