

# eFlow104NB

## Power Supply/Charger Board



Altronix eFlow104NB UL Listed Sub-Assembly power supply/charger converts a 120VAC, 60Hz input into a single 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.



eFlow104NB

### Specifications

#### Input

Voltage	120VAC, 60Hz, 4.5A max.
Input Fuse	6.3A/250V
Removable AC input terminal block to facilitate installation and wiring.	

#### Outputs

Voltage	24VDC
Current	10A continuous max.
Auxiliary	Power-limited @ 1A (unswitched)
Other	Overvoltage protection Filtered and regulated

#### Battery Charging

Type	Sealed lead acid or gel type
Battery Fuse	15A/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 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)

Board: 8.25" x 4.56" x 1.5" (209.5mm x 115.8mm x 38.1mm)  
Shipping: 10" x 8" x 4" (254mm x 203.2mm x 101.6mm)

##### Weight (approx.)

Product Weight:	1.1 lb. (0.5 kg)
Shipping Weight:	1.25 lb. (0.57 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.)

123 BTU/Hr.

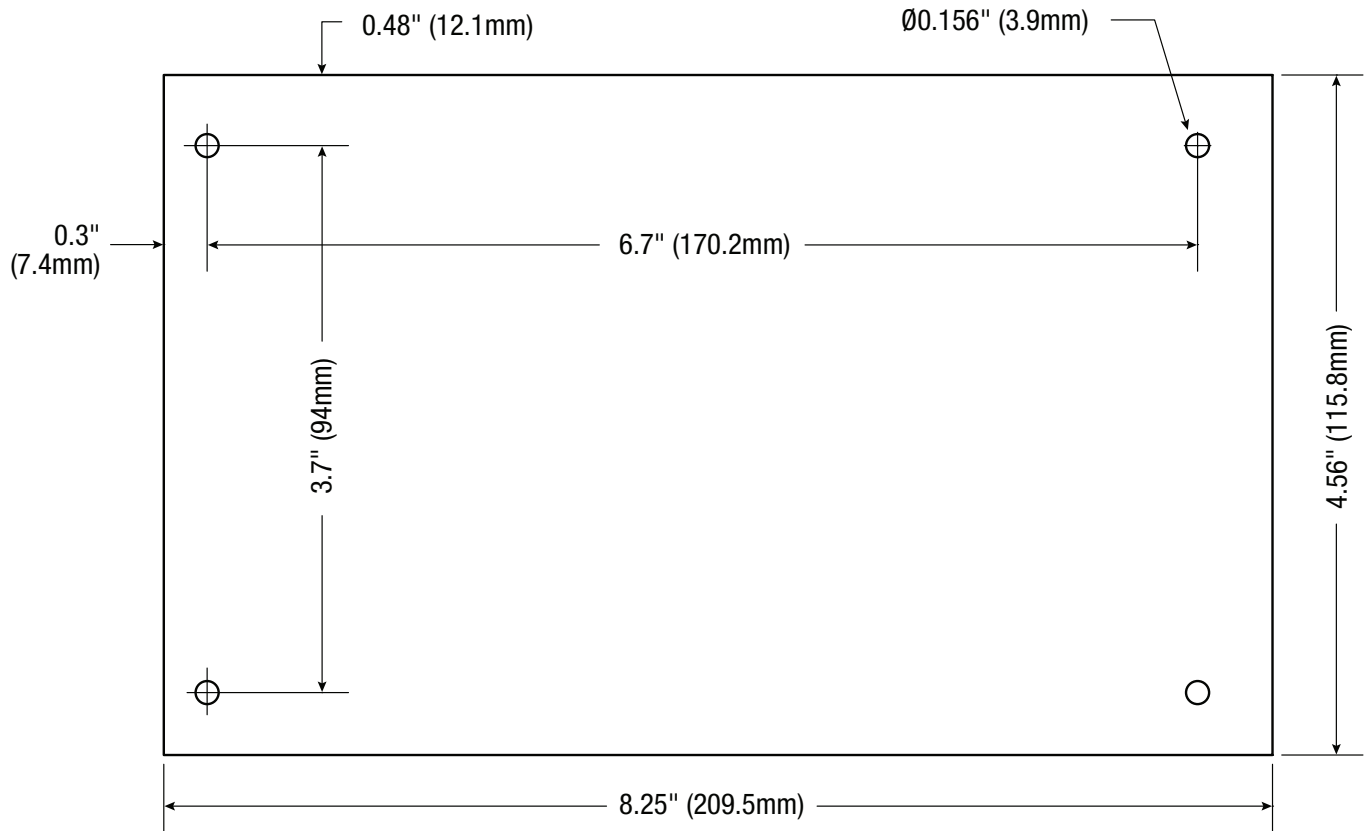
#### Lifetime Warranty

**Dimensions and Drawing**

Board Dimensions (L x W x H approximate)

8.25" x 4.56" x 1.5" (209.5mm x 115.8mm x 38.1mm)

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



**Accessories (order separately)**



**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**