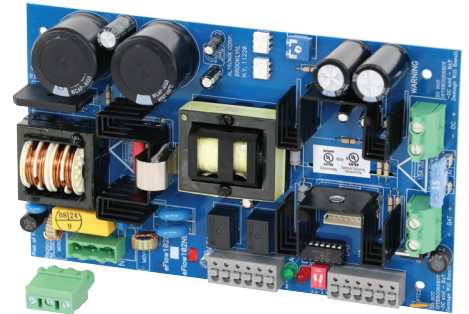


eFlow102NB

Power Supply/Charger Board



Altronix eFlow102NB UL Listed Sub-Assembly power supply/charger converts a 120VAC, 60Hz input into a single 12VDC 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.



eFlow102NB

Specifications

Input

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

Removable AC input terminal block to facilitate installation and wiring.

Outputs

Voltage	12VDC
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 71-73% for 12V 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:	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:	0.85 lb. (0.39 kg)
Shipping Weight:	1.0 lb. (0.45 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.)

61 BTU/Hr.

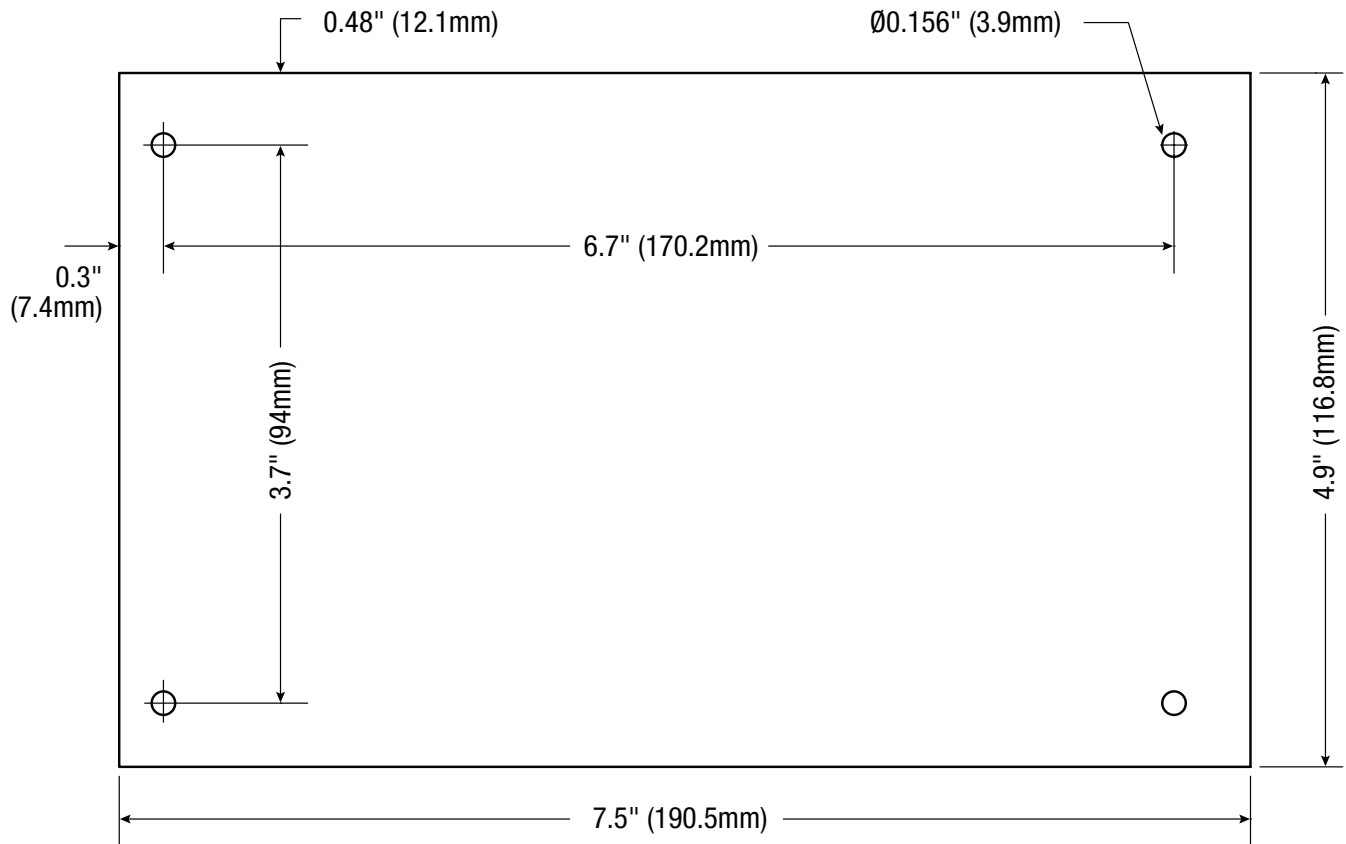
Lifetime Warranty

Dimensions and Drawing

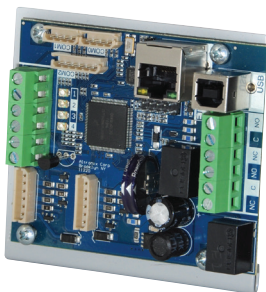
Board Dimensions (L x W x H approximate)

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

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

phone: +1 718.567.8181 | fax: +1 718.567.9056 | email: info@altronix.com | www.altronix.com