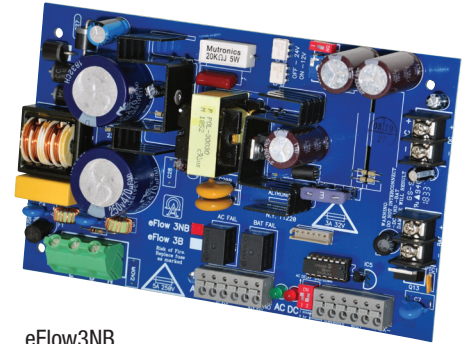


eFlow3NB

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.
Input Fuse	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
Battery Fuse	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.

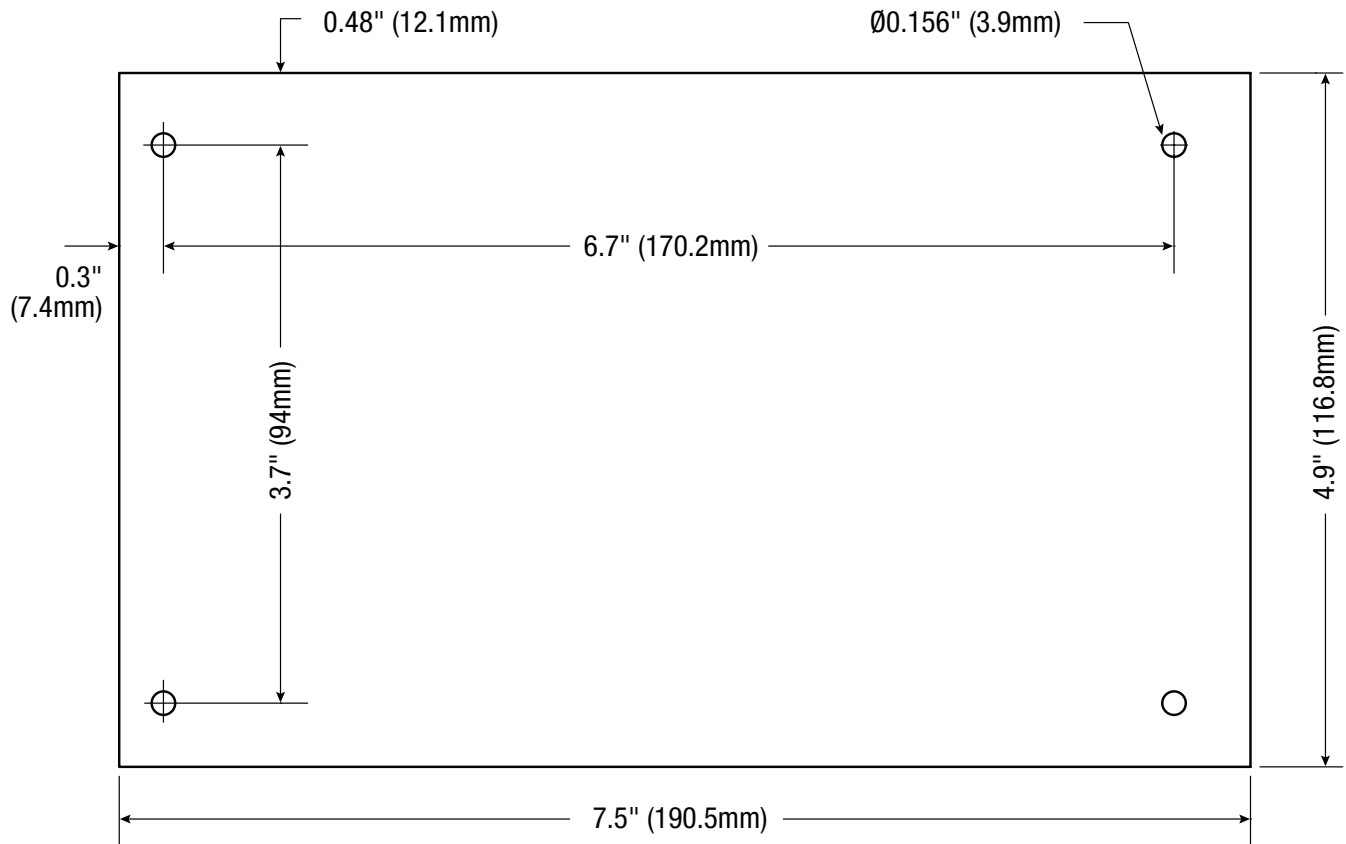
Lifetime Warranty

Dimensions and Drawing

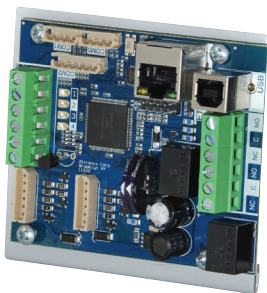
Board Dimensions (L x W x H approximate)

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

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