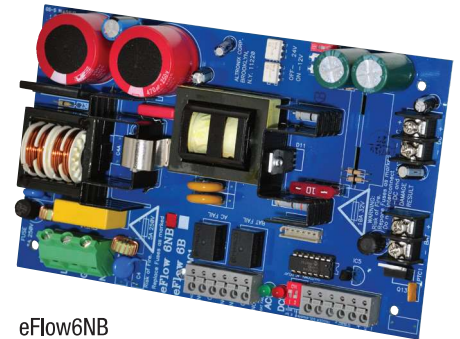# Altronix®

eFlow6NB
Power Supply/Charger Board

eFLOW™

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
	Filtered and regulated

Battery Charging
Type	Sealed lead acid or gel type
Fuse Rating	10A/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

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:	0.8 lb. (0.36 kg)
Shipping Weight:	0.95 lb. (0.43 kg)

Temperature
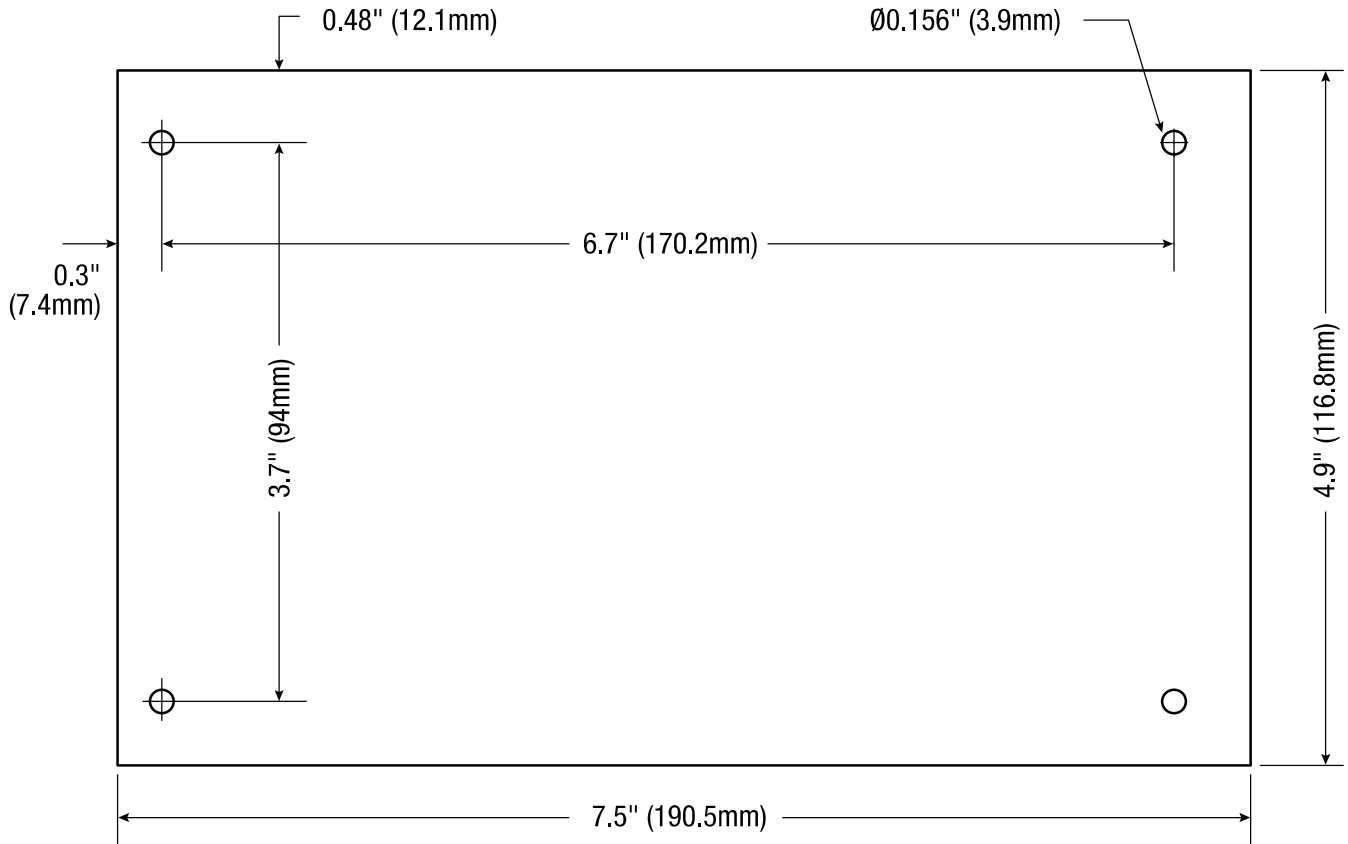|	
Operating:	0ºC to 49ºC (32ºF to 120ºF)
Storage:	– 20ºC to 70ºC (– 4ºF to 158ºF)

Relative Humidity	85% +/– 5%
BTU/Hr (approx.)	12VDC: 37 BTU/Hr.
	24VDC: 74 BTU/Hr.

Board Dimensions (L x W x H) and Drawing
7.5" x 4.6" x 1.75" (1905 mm x 116.8mm x 44.5mm)
Mounting Holes' Tolerance: +/- 0.04 in. (1mm).

0.48" (12.1mm) Ø0.156" (3.9mm)

6.7" (170.2mm)

0.3" (7.4mm)

3.7" (94mm)

4.9" (116.8mm)

7.5" (190.5mm)

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