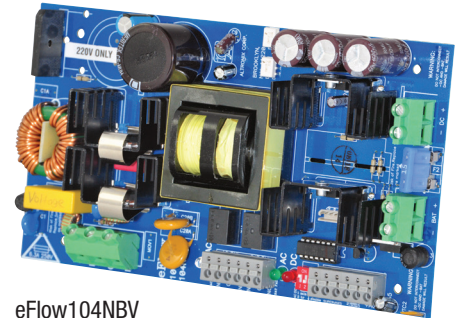# Altronix®

eFlow104NBV

Rev. 08012022

Power Supply/Charger Board

eFLOW

Altronix eFlow104NBV power supply/charger converts a 220VAC (working range 198VAC - 256VAC), 50/60Hz 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.

eFlow104NBV

Specifications

Input

Voltage	220VAC (working range 198VAC - 256VAC), 50/60Hz, 2.7A max.
Input Fuse	6.3A/250V

Outputs

Voltage	24VDC
Current	10A continuous max.
Auxiliary	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	

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

Fire Alarm Disconnect

Supervised	Latching or non-latching
EOL	10K Resistor

Indicators (LED)

Input	220VAC is present
DC Output	Powered
Battery	Discharged or not connected

Agency Listings

CE	European Conformity

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

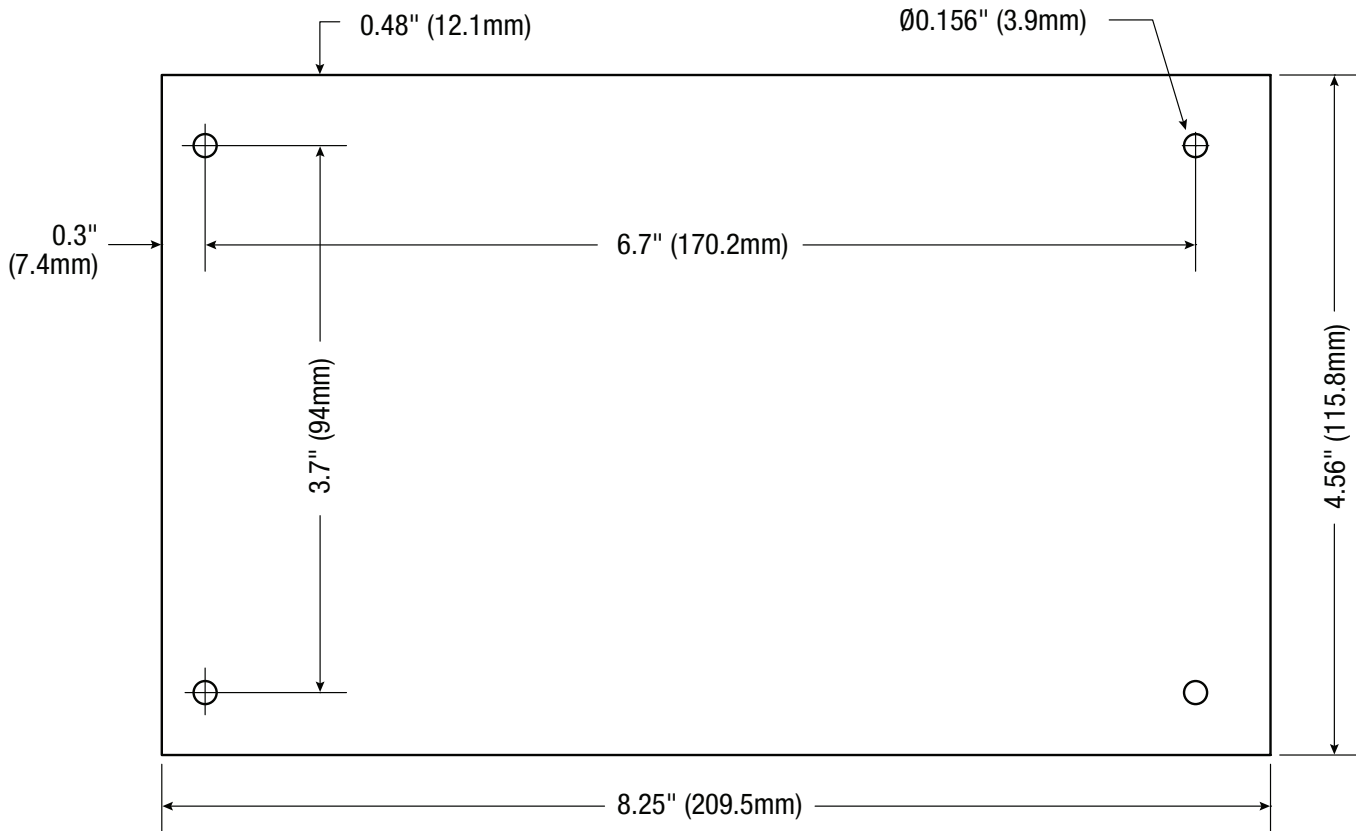|	
Operating:	0ºC to 49ºC (32ºF to 120ºF)
Storage:	– 20ºC to 70ºC (– 4ºF to 158ºF)
Relative Humidity	85% +/– 5%
BTU/Hr (approx.)	123 BTU/Hr.

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)

0.48" (12.1mm)

Ø0.156" (3.9mm)

0.3" (7.4mm)

6.7" (170.2mm)

3.7" (94mm)

4.56" (115.8mm)

8.25" (209.5mm)

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

LINQ2