

# eFlow3NB

## Power Supply/Charger

### Description

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.
Fuse Rating	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.

#### Back-up Battery *(not included)*

Type	Sealed lead acid or gel type.
Fuse Rating	3A/32VDC.
Failover	Upon AC loss, instantaneous.

#### 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)

7.5" x 4.6" x 1.75" (190.5 mm x 116.8 mm x 44.5 mm).

**Product Weight** 0.7 lbs. (0.32 kg).

**Shipping Weight** 0.8 lbs. (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.

Mounting hardware included.

### Accessories

#### Network Supervision

Altronix model LINQ2 Network Communication Module provides remote supervision, control and monitoring over LAN/WAN

- Remotely reports accurate power diagnostics
- Controls power and resets devices
- Email and SNMP trap message notifications





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## Board Dimensions (L x W x H) and Drawing

7.5" x 4.6" x 1.75" (190.5 mm x 116.8 mm x 44.5 mm)

