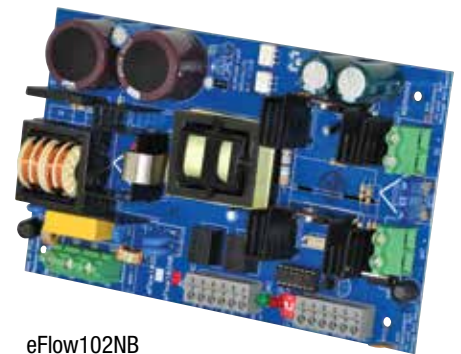


eFlow102NB Power Supply/Charger

Description

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.
Fusing	5A / 250V.

Outputs

Voltage	12VDC.
Current	10A continuous max.
Auxiliary	Power-limited @ 1A (unswitched).
Other	Overvoltage protection. Filtered and regulated.

Back-up Battery *(not included)*

Type	Sealed lead acid or gel type.
Fuse Rating	15A @ 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

UL:

Access Control	UL294
Burglar Alarm	UL603
Fire Alarm	UL1481

cUL:

Burglar Alarm	ULC-S318-96
Access Control	ULC-S319-05
Signal Equipment	CSA C22.2 No.205

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 0.85 lbs. (0.39 kg).

Shipping Weight 1.0 lbs. (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.

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





eFlow102NB Power Supply/Charger

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)

