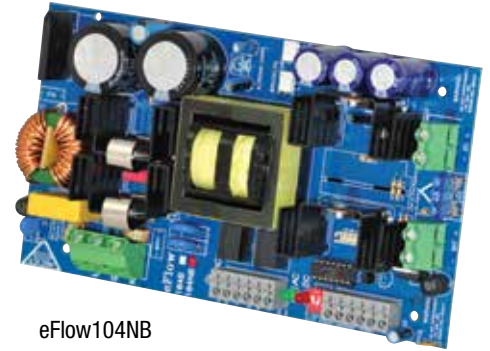


eFlow104NB

Power Supply/Charger

Description

Altronix eFlow104NB UL Listed Sub-Assembly power supply/charger converts a 120VAC, 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.



eFlow104NB

Specifications

Input

| | |
|---------|-------------------------|
| Voltage | 120VAC, 60Hz, 4.5A max. |
| Fusing | 6.3A / 250V. |

Outputs

| | |
|-----------|--|
| Voltage | 24VDC. |
| 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) | |
| 8.25" x 4.56" x 1.5" (209.5 mm x 115.8 mm x 38.1 mm). | |
| Product Weight | 1.1 lbs. (0.5 kg). |
| Shipping Weight | 1.25 lbs. (0.57 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.): | 123 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





eFlow104NB Power Supply/Charger

Board Dimensions (L x W x H) and Drawing

8.25" x 4.56" x 1.5" (209.5 mm x 115.8 mm x 38.1 mm)

