

eFlow104NK1 Dual Output Power Supply/Charger Kit

Description

Altronix eFlow104NK1 dual output power supply/charger kit converts a 120VAC, 60Hz input into one (1) 5VDC or 12VDC selectable output at up to 6A supply current and one (1) 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.



Key Features

- Reduces the cost of adding an additional power supply to achieve 24VDC and 12VDC or 5VDC simultaneously.
- Additional aux. Class 2 power-limited output rated @ 1A.
- Overvoltage protection.
- Fire alarm disconnect.
- Supervision
 - AC Fail
 - Battery Fail and Battery Presence
 - Low power shutdown.
- Built-in charger for sealed lead acid or gel type batteries.
- Instantaneous transfer to stand-by batteries.
- Short circuit and overload protection.
- AC input and DC output indicators.
- UL Listed in the U.S. and Canada.
- CE Approved.
- Lifetime Warranty / Made in the U.S.A.



eFlow104NK1

Dual Output Power Supply/Charger Kit



Specifications

Input

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

Outputs

Voltage Selectable 5VDC or 12VDC output and 24VDC output.

Current 5VDC @ 6A continuous and 24VDC @ 8A continuous or 12VDC @ 6A continuous and 24VDC @ 6A continuous

Auxiliary Class 2 power-limited @ 1A (unswitched).
Other Overvoltage protection Filtered and regulated.

Back-up Battery *(not included)*

Capacity 7AH / 12VDC (2 within enclosure).
12AH / 12VDC (requires larger "X" enclosure).
40AH, 65AH (requires separate enclosure).

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

Access Control UL294

Burglar Alarm UL603, ULC-S318-96

Fire Alarm UL1481

CE European Conformity

Physical and Environmental

Dimensions (H x W x D)

13.5" x 13" x 3.25" (342.9mm x 330.2mm x 82.6mm).

Enclosure accommodates up to two (2) 12VDC/7AH batteries.

Product Weight 6.9 lbs. (3.13 kg).

Shipping Weight 7.8 lbs. (3.54 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

