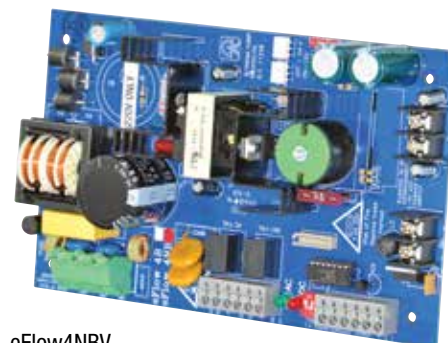# eFlow4NBV
Power Supply/Charger

Description

Altronix eFlow4NBV power supply/charger converts a 220VAC (working range 198VAC - 256VAC), 50/60Hz input into a single 12VDC or 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.

eFlow4NBV

Specifications

Input

Voltage	220VAC, 50/60Hz, 2.1A max.
Fuse Rating	5A/250V.

Outputs

Voltage	12VDC or 24VDC selectable.
Current	4A continuous max.
Auxiliary	1A (unswitched).
Other	Overvoltage protection. Filtered and regulated.

Back-up Battery *(not included)*

Type	Sealed lead acid or gel type.
Fuse Rating	7.5A/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	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)
 7.5" x 4.6" x 1.75" (190.5 mm x 116.8 mm x 44.5 mm).

Product Weight	0.85 lb. (0.39 kg).
Shipping Weight	1.0 lb. (0.45 kg).

Temperature

Operating	0ºC to 49ºC (32ºF to 120ºF).
Storage	-20ºC to 70ºC (-4ºF to 158ºF).
Relative Humidity	85% +/-5%.

BTU/Hr (approx.):

12VDC:	25 BTU/Hr.
24VDC:	49 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

eFlow4NBV
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)

0.48"
(12.1mm)

Ø 0.156"
(3.9mm)

0.3"
(7.4mm)

6.7"
(170.2mm)

3.7"
(94mm)

4.6"
(116.8mm)

7.5"
(190.5mm)