

eFlow4NV Series

Power Supply/Chargers



Altronix eFlow4NV series power supply/chargers convert a 220VAC (working range 198VAC - 256VAC), 50/60Hz input into a single fused or eight (8) fuse/PTC protected outputs. Power supply/charger is selectable for 12VDC or 24VDC with a total of 4A max. They also offer a suite of features that includes fire alarm disconnect, overvoltage protection, and low power disconnect which prevents deep discharge of stand-by batteries.



eFlow4N8V

Key Features

- Available with 1 or 8 outputs
- Fused or PTC protected outputs
- Additional Aux. 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 LED indicators
- CE European Conformity
- Lifetime Warranty

eFlow4NV series Power Supply Configuration Reference Chart

Altronix Model Number	Nominal DC Outputs				Maximum Supply Current for Main and Aux. Outputs (A)	Input Rating: 220VAC, 50/60Hz	Input Fuse Rating	Battery Fuse Rating	Ripple Voltage (mV) Under low battery condition	Power Distribution Module	Number of Outputs	Fused Outputs Ratings	Auto-Resettable PTC Outputs Ratings	Accommodates up to 7AH Batteries	Accommodates up to 12AH Batteries
	[DC]		[AUX]												
	12VDC Output Range (volts)	24VDC Output Range (volts)	12VDC Output Range (volts)	24VDC Output Range (volts)											
eFlow4NV	10.1-13.2	20.28-26.4	10.05-13.2	20.2-26.4	4A	2.1A	5A/250V	7.5A/32V	730	N/A	1	-	-	✓	-
eFlow4NXV	10.1-13.2	20.28-26.4	10.05-13.2	20.2-26.4	4A	2.1A	5A/250V	7.5A/32V	730	N/A	1	-	-	-	✓
eFlow4N8V	10.1-13.2	20.28-26.4	10.05-13.2	20.2-26.4	4A	2.1A	5A/250V	7.5A/32V	730	PD8	8	2.5A	-	✓	-
eFlow4NX8V	10.1-13.2	20.28-26.4	10.05-13.2	20.2-26.4	4A	2.1A	5A/250V	7.5A/32V	730	PD8	8	2.5A	-	-	✓
eFlow4N8DV	9.78-13.2	20.28-26.4	10.05-13.2	20.2-26.4	4A	2.1A	5A/250V	7.5A/32V	730	PD8CB	8	-	2A	✓	-
eFlow4NX8DV	9.78-13.2	20.28-26.4	10.05-13.2	20.2-26.4	4A	2.1A	5A/250V	7.5A/32V	730	PD8CB	8	-	2A	-	✓

Lifetime Warranty

Specifications

Input

Voltage	220VAC (working range 198VAC - 256VAC), 50/60Hz, 2.1A max.
Fuse Rating	5A/250V

Outputs

Voltage	12VDC or 24VDC selectable
Current	4A continuous max.
Protection	Fused 2.5A / PTC 2A
Auxiliary	1A (unswitched)
Other	Overvoltage protection Filtered and regulated

Back-up Battery *(not included)*

Capacity	7AH / 12VDC (1 or 2 within enclosure) 12AH / 12VDC (requires larger "X" enclosure) 40AH, 65AH (requires separate enclosure)
Type	Sealed lead acid or gel type
Fuse Rating	7.5A/32V
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

Agency Listings

CE	European Conformity
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Physical and Environmental

Dimensions (H x W x D)

eFlow4NV, eFlow4N8(D)V:
13.5" x 13" x 3.25" (342.9mm x 330.2mm x 82.55mm)
eFlow4NXV, eFlow4NX8(D)V:
15.5" x 12" x 4.5" (393.7mm x 304.8mm x 114.3mm)

Product Weight / Shipping (approx.)

Model	Product Weight	Shipping Weight
eFlow4NV	6.55 lb. (2.97 kg)	7.45 lb. (3.38 kg)
eFlow4NXV	8.4 lb. (3.81 kg)	9.5 lb. (4.3 kg)
eFlow4N8(D)V	6.7 lb. (3.04 kg)	7.6 lb. (3.45 kg)
eFlow4NX8(D)V	8.55 lb. (3.88 kg)	9.65 lb. (4.38 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: 25 BTU/Hr.
24VDC: 49 BTU/Hr.

Accessories *(order separately)*



LINQ2

LINQ2 - Network Supervision

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

- Remotely reports accurate power diagnostics
- Controls power and resets devices
- Reports system diagnostics via Email



Lifetime Warranty