

eFlow102NV Series

Power Supply/Chargers



Altronix eFlow102NV series power supply/chargers convert a 220VAC (working range 198VAC - 256VAC), 50/60Hz input into a single fused, eight (8) or sixteen (16) fuse/PTC protected 12VDC outputs with a total of 10A 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.



eFlow102N8V

Key Features

- Available with 1, 8 or 16 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

eFlow102NV 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]											
eFlow102NV	10.03-13.2	10.03-13.2	10A	2.1A	5A/250V	15A/32V	760	N/A	1	-	-	✓	-
eFlow102NXV										-	-	-	✓
eFlow102N8V	10.03-13.2	10.03-13.2	10A	2.1A	5A/250V	15A/32V	760	PD8	8	2.5A	-	✓	-
eFlow102NX8V										2.5A	-	-	✓
eFlow102N8DV	9.78-13.2	10.03-13.2	10A	2.1A	5A/250V	15A/32V	760	PD8CB	8	-	2A	✓	-
eFlow102NX8DV										-	2A	-	✓
eFlow102N16V	10.03-13.2	10.03-13.2	10A	2.1A	5A/250V	15A/32V	760	PD16W	16	2.5A	-	✓	-
eFlow102NX16V								2 - PD8		2.5A	-	-	✓
eFlow102N16DV	9.78-13.2	10.03-13.2	10A	2.1A	5A/250V	15A/32V	760	PD16WCB	16	-	2A	✓	-
eFlow102NX16DV								2 - PD8CB		-	2A	-	✓

Lifetime Warranty

Specifications

Input

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

Outputs

Voltage	12VDC
Current	10A 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 within enclosure) 12AH / 12VDC (requires larger "X" enclosure) 40AH, 65AH (requires separate enclosure)
Type	Sealed lead acid or gel type
Fuse Rating	15A/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)

eFlow102NV, eFlow102N8(D)V, eFlow102N16(D)V:
13.5" x 13" x 3.25" (342.9mm x 330.2mm x 82.55mm)
eFlow102NXV, eFlow102NX8(D)V, eFlow102NX16(D)V:
15.5" x 12" x 4.5" (393.7mm x 304.8mm x 114.3mm)

Product Weight / Shipping (approx.)

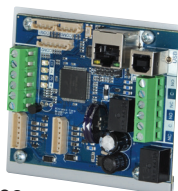
Model	Product Weight	Shipping Weight
eFlow102NV	6.55 lb. (2.97 kg)	7.45 lb. (3.38 kg)
eFlow102NXV	8.4 lb. (3.81 kg)	9.5 lb. (4.31 kg)
eFlow102N8(D)V	6.7 lb. (3.04 kg)	7.6 lb. (3.45 kg)
eFlow102NX8(D)V	8.6 lb. (3.9 kg)	9.7 lb. (4.4 kg)
eFlow102N16(D)V	6.85 lb. (3.11 kg)	7.75 lb. (3.52 kg)
eFlow102NX16(D)V	8.75 lb. (3.97 kg)	9.85 lb. (4.47 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 *(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