AL400ULX Series
Power Supply/Chargers

AL400ULPD8

Description

Altronix AL400ULX series power supply/chargers convert a 115VAC 60Hz input into a single fused, four (4), eight (8) or sixteen (16) fuse or PTC protected outputs. Outputs are selectable for 12VDC with a total of 4A max. or 24VDC with a total of 3A max.

Key Features

- Available with 1, 4, 8 or 16 outputs.
- Fused or PTC ptotected outputs.
- Supervision:
  - AC Fail
  - Battery Fail and Battery Presence.
- 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 options.
- UL Listed in the U.S. and Canada.
- CSFM and MEA Approved.
- Lifetime Warranty / Made in the U.S.A.
- All units are available in grey or red enclosure*.

*AL400ULXJ's enclosure is red. For grey enclosure order model AL400ULXJG

AL400ULX Series Power Supply Configuration Reference Chart

Altronix Model Number	12VDC Total Output Rating (A)	24VDC Total Output Rating (A)	Input Rating: 115VAC, 60Hz	Input Fuse Rating	Power Supply Output Fuse Rating	Power Distribution Modiule	Number of Outputs	Fused Output Ratings	PTC Output Ratings	Accommodates Batteries
AL400ULX	4A	3A	3.5A	5A/250V	15A/32V	N/A	1	3.5A	–	Two (2) 7AH
AL400ULXX										Two (2) 12AH
AL400ULXJ										Two (2) 18AH
AL400ULPD4						PD4UL	4	3.5A	–	Two (2) 7AH
AL400ULPD4CB						PD4ULCB	4	–	2.5A	Two (2) 7AH
AL400ULPD8						PD8UL	8	3.5A	–	Two (2) 7AH
AL400ULPD8CB						PD8ULCB	8	–	2.5A	Two (2) 7AH
AL400ULXPD16						Two (2) PD8UL	16	3.5A	–	Two (2) 12AH
AL400ULXPD16CB						Two (2) PD8ULCB	16	–	2.5A	Two (2) 12AH

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AL400ULX Series
Power Supply/Chargers

Altro ix®

Specifications

Input

Voltage	115VAC 60Hz, 3.5A max.
Fusing	5A / 250V.

Outputs

Voltage	12VDC or 24VDC selectable.
Current	4A @ 12VDC or 3A @ 24VDC continuous max.
Protection	Fused 3.5A / PTC 2.5A.
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). 18AH / 12VDC (requires larger "J" enclosure). 40 AH / 65 AH (requires separate enclosure).
Type	Sealed lead acid or gel type.
Charging current	0.7A.
Fuse Rating	15A @ 32VDC.
Failover	Upon AC loss, instantaneous.

Supervision

AC Failure	Form "C" contacts.
Battery	Form "C" contacts.

Indicators (LED)

Input	120VAC is present.
DC Output	Powered.
Battery	Discharged or not connected.

Agency Listings

Access Control	UL294
Burglar Alarm	UL603
Hospital Signaling	UL1069
Fire Alarm	UL1481

California State Fire Marshall Approved

Physical and Environmental

Dimensions (H x W x D)

AL400ULX, AL400ULPD4(CB), AL400ULPD8(CB):
13.5" x 13" x 3.25" (342.9mm x 330.2mm x 82.55mm).

AL400ULXX, AL400ULXPD16(CB):
15.5" x 12" x 4.5" (393.7mm x 304.8mm x 114.3mm).

AL400ULXJ:
18" x 14.5" x 4.625" (457.2mm x 368.3mm x 117.48mm).

Product Weight / Shipping (approx.)

Model	Product Weight	Shipping Weight
AL400ULX	8.65 lbs. (3.86 kg)	9.55 lbs. (4.26 kg)
AL400ULXX	10.1 lbs. (4.58 kg)	11.4 lbs. (5.17 kg)
AL400ULXJ	11.5 lbs. (5.22 kg)	13.7 lbs (6.21 kg)
AL400ULPD4(CB)	8.45 lbs. (3.83 kg)	9.35 lbs (4.24 kg)
AL400ULPD8(CB)	8.7 lbs. (3.95 kg)	9.6 lbs (4.35 kg)
AL400ULXPD16(CB)	10.1 lbs. (4.58 kg)	11.4 lbs (5.17 kg)

Temperature

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

BTU/Hr:

12VDC: 24.57 BTU/Hr.

24VDC: 36.85 BTU/Hr.

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