

AL1012ULX Series

Power Supply/Chargers

Description

Altronix AL1012ULX 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 12VDC with a total of 10A max.



AL1012ULXPD4CB

Key Features

- Available with 1, 4, 8 or 16 outputs.
- Fused or PTC protected 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.

AL1012ULX Series Power Supply Configuration Reference Chart

Altronix Model Number	Total Output Rating (A)	Input Rating: 115VAC, 60Hz	Input Fuse Rating	Power Supply Output Fuse Rating	Power Distribution Module(s)	Number of Outputs	Class 2 Rated Power-Limited Output(s) (auto-resettable)	Fused Outputs Ratings	PTC Outputs Ratings
AL1012ULX	10A	2.6A	5A/250V	15A/32V	—	1	—	10A	—
AL1012ULXPD4					PD4UL	4	—	3.5A	—
AL1012ULXPD4CB					PD4ULCB	4	✓	—	2.5A
AL1012ULXPD8					PD8UL	8	—	3.5A	—
AL1012ULXPD8CB					PD8ULCB	8	✓	—	2.5A
AL1012ULXPD16					Two (2) PD8UL	16	—	3.5A	—
AL1012ULXPD16CB					Two (2) PD8ULCB	16	✓	—	2.5A

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Specifications

Input

Voltage 115VAC, 60Hz, 2.6A max.
Fusing 5A / 250V.

Outputs

Voltage 12VDC.
Current 10A @ 12VDC continuous max.
Protection Fused 3.5A / PTC 2.5A.
Other Overvoltage protection.
Filtered and regulated.

Back-up Battery *(not included)*

Capacity 12AH / 12VDC (1 within enclosure).
40 AH / 65 AH (requires separate enclosure).
Type Sealed lead acid or gel type.
Failover Upon AC loss, instantaneous.

Supervision

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

Indicators (LED)

Input 115VAC is present.
DC Output Powered.
Battery Discharged or not connected.

Agency Listings

UL:
UL294 Access Control System Units.
cUL:
CSA C22.2 No.205 Signal Equipment.

Physical and Environmental

Dimensions (H x W x D)
15.5" x 12" x 4.5" (393.7mm x 304.8mm x 114.3mm).

Product / Shipping Weight (approx.)

Model	Product Weight	Shipping Weight
AL1012ULX	8.85 lbs. (4.0 kg)	11.15 lbs. (5.1 kg)
AL1012ULXPD4(CB)	9.0 lbs. (4.1 kg)	11.3 lbs. (5.13 kg)
AL1012ULXPD8(CB)	9.1 lbs. (4.13 kg)	11.4 lbs. (5.17 kg)
AL1012ULXPD16(CB)	9.3 lbs. (4.22 kg)	11.6 lbs. (5.26 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.