Altronix®

Rev. 06282023

AL1012ULX Series

Power Supply/Chargers

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.

AL1012ULXPD16

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

AL1012ULX Series Power Supply Configuration Reference Chart

Altronix Model Number	Total Output Rating (A)	Input Rating: 115VAC, 60Hz	Input Fuse Rating	Power Supply Battery 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.
Input Fuse	5A/250V

Outputs

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

Battery Charging

Capacity	12AH/12VDC (2 within enclosure) 40AH/65AH (requires separate enclosure)
Type	Sealed lead acid or gel type
Failover	Upon AC loss, instantaneous

Batteries are sold separately

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

Enclosure:
15.5" x 12.23" x 4.5" (393.7mm x 310.6mm x 114.3mm)

Shipping:
16.5" x 13.5" x 6" (419.1mm x 342.9mm x 152.5mm)

Weight (approx.)

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

Temperature

Operating:	0ºC to 49ºC (32ºF to 120ºF)
Storage:	– 20ºC to 70ºC (– 4ºF to 158ºF)
Relative Humidity	20 to 85%, non-condensing
BTU/Hr. (approx.):	61 BTU/Hr.

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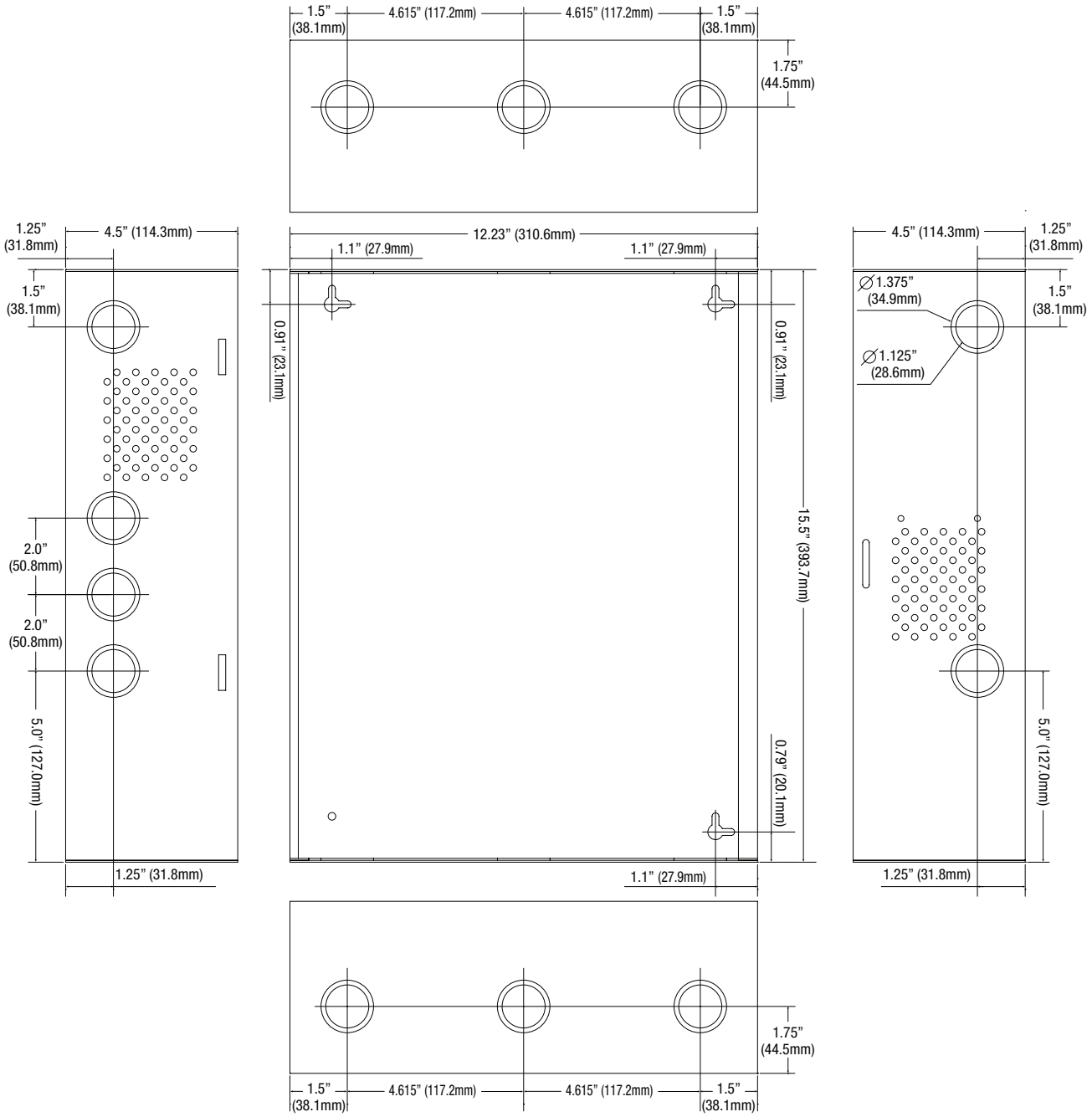
Dimensions and Drawing

Dimensions (H x W x D approximate)

15.5" x 12.23" x 4.5" (393.7mm x 310.6mm x 114.3mm)