

AL1024ULX Series

Power Supply/Chargers

Altronix AL1024ULX series are power supply/chargers that convert a 115VAC, 60Hz input into a single fused, four (4), eight (8) or sixteen (16) fuse or PTC protected outputs. Outputs are 24VDC with a total of 10A max.



AL1024ULXPD8CB

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
- All units are available in grey or red enclosure

AL1024ULX 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 Auto-Resettable Output(s)	Fused Outputs Ratings	PTC Outputs Ratings
AL1024ULX	10A	4.2A	5A/ 250V	15A/ 32V	-	1	-	10A	-
AL1024ULXPD4					PD4UL	4	-	3.5A	-
AL1024ULXPD4CB					PD4ULCB	4	✓	-	2.5A
AL1024ULXPD8					PD8UL	8	-	3.5A	-
AL1024ULXPD8CB					PD8ULCB	8	✓	-	2.5A
AL1024ULXPD16					Two (2) PD8UL	16	-	3.5A	-
AL1024ULXPD16CB					Two (2) PD8ULCB	16	✓	-	2.5A

Lifetime Warranty



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Specifications

Input

Voltage 115VAC 60Hz, 4.2A max.
Fusing 5A/250V

Outputs

Voltage 24VDC
Current 10A @ 24VDC 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

All Models:

UL:
UL294 Access Control System Units
UL1481 Power Supplies for
Fire Protective Signaling Systems

cUL:

CSA C22.2 No.205 Signal Equipment.

AL1024ULX only:

CSFM California State Fire Marshall Approved
MEA NYC Department of Buildings Approved
FM Factory Mutual Approved

Physical and Environmental

Enclosure:
15.5" x 12" x 4.5" (393.7mm x 304.8mm 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
AL1024ULX	9.25 lb. (4.2 kg)	11.55 lb. (5.24 kg)
AL1024ULXPD4(CB)	9.4 lb. (4.6 kg)	11.7 lb. (5.3 kg)
AL1024ULXPD8(CB)	9.5 lb. (4.3 kg)	11.8 lb. (5.35 kg)
AL1024ULXPD16(CB)	9.75 lb. (4.42 kg)	12.1 lb. (5.49 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%

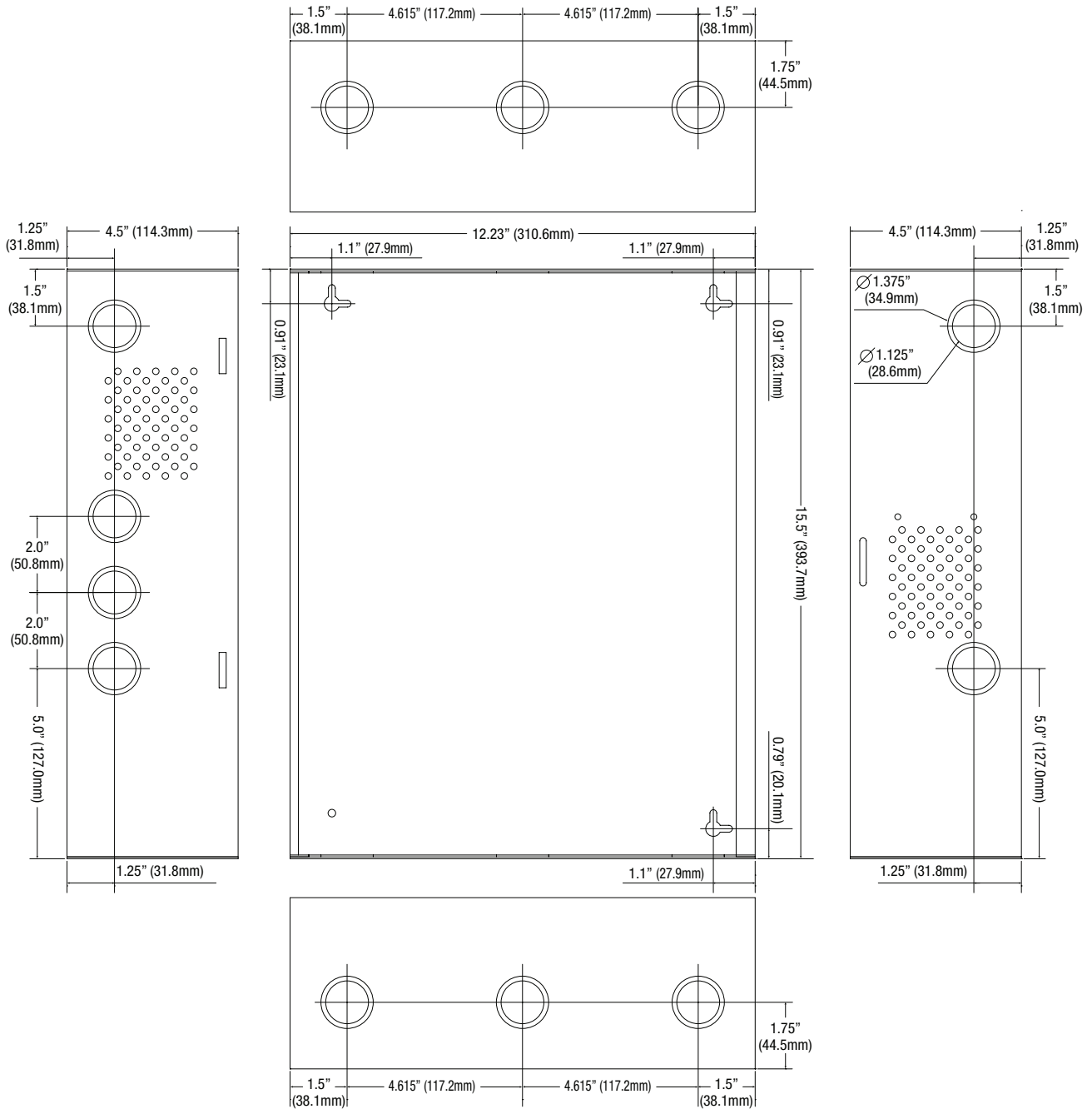
BTU/Hr. (approx.): 123 BTU/Hr.

Lifetime Warranty

Dimensions and Drawing

Dimensions (H x W x D approximate)

15.5" x 12" x 4.5" (393.7mm x 304.8mm x 114.3mm)



Lifetime Warranty

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