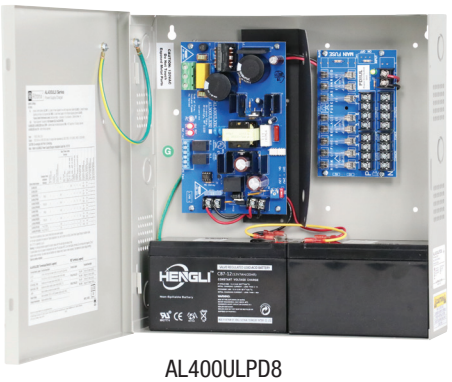
Altronix®

Rev. 08062026

AL400ULX Series

Power Supply/Chargers

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.



AL400ULPD8

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
- 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	Input Rating: 115VAC, 60Hz	Input Fuse Rating	Power Supply Output Fuse Rating	12VDC Total Output Rating (A)	24VDC Total Output Rating (A)	Power Distribution Modiule	Number of Outputs	Fused Output Ratings	PTC Auto-Resettable Outputs Ratings	Accommodates Batteries
AL400ULX	3.5A	5A/ 250V	15A/ 32V	4A	3A	N/A	1	3.5A	–	Two (2) 7AH
AL400ULXX										Two (2) 12AH
AL400ULXJ(G)										Two (2) 18AH
AL400ULPD4						PD4UL	4	3.5A	–	Two (2) 7AH
AL400ULXPD4										Two (2) 12AH
AL400ULPD4CB						PD4ULCB	4	–	2.5A	Two (2) 7AH
AL400ULXPD4CB										Two (2) 12AH
AL400ULPD8						PD8UL	8	3.5A	–	Two (2) 7AH
AL400ULXPD8										Two (2) 12AH
AL400ULPD8CB						PD8ULCB	8	–	2.5A	Two (2) 7AH
AL400ULXPD8CB										Two (2) 12AH
AL400ULXPD16						Two (2) PD8UL	16	3.5A	–	Two (2) 12AH
AL400ULXPD16CB						Two (2) PD8ULCB	16	–	2.5A	Two (2) 12AH

Altronix Corporation | 140 58th St | Brooklyn, NY 11220 USA

phone: +1 718.567.8181 | fax: +1 718.567.9056 | email: info@altronix.com | www.altronix.com

AL400ULX Series

Power Supply/Chargers

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

Battery Charging

Capacity	7AH/12VDC (1 or 2 within enclosure) 12AH/12VDC (requires larger "X" enclosure) 18AH/12VDC (requires larger "J" enclosure) 40AH/65AH (requires separate enclosure)
Type	Sealed lead acid or gel type
Fuse Rating	15A/32V
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
UL603	Power Supplies for Use with Burglar-Alarms Systems
UL 1069	UL Listed Hospital Signaling and Nurse Call Equipment
UL1481	Power Supplies for Fire Protective Signaling Systems

cUL:

CSA C22.2 No.205	Signal Equipment

Agency Listings (cont'd)

AL400ULX(R) only:

cUL:	ULC-S318-96 - Power Supplies for Burglar Alarm Systems. Also suitable for Access Control
CSFM	California State Fire Marshall Approved
MEA	NYC Department of Buildings Approved
FM	Factory Mutual Approved

Physical and Environmental

Dimensions (H x W x D)

AL400ULX, AL400ULPD4(CB), AL400ULPD8(CB):

Enclosure:
13" x 12.5" x 3.25" (330.2mm x 317.5mm x 82.6mm)
Shipping:
15" x 13.875" x 4.75" (381mm x 352.4mm x 120.6mm)

AL400ULXX, AL400ULXPD4(CB), AL400ULXPD8(CB), AL400ULXPD16(CB):

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)

AL400ULXJ(G):

Enclosure:
18" x 14.5" x 4.625" (457.2mm x 368.3mm x 117.5mm)
Shipping:
21.75" x 18.25" x 5.75" (552.5mm x 463.6mm x 146.1mm)

Weight (approx.)

Model	Product Weight	Shipping Weight
AL400ULX	6.95 lb. (3.15 kg)	8.75 lbs. (4.0 kg)
AL400ULXX	8.55 lb. (3.88 kg)	10.85 lb. (4.92 kg)
AL400ULXJ(G)	11.5 lb. (5.22 kg)	13.7 lb. (6.21 kg)
AL400ULPD4(CB)	7.1 lb. (3.22 kg)	8.9 lb. (4.04 kg)
AL400ULXPD4(CB)	8.4 lb. (3.81 kg)	10.65 lb. (4.83 kg)
AL400ULPD8(CB)	7.2 lb. (3.27 kg)	9.0 lb. (4.08 kg)
AL400ULXPD8(CB)	8.45 lb. (3.83 kg)	10.7 lb. (4.85 kg)
AL400ULXPD16(CB)	8.55 lb. (3.88 kg)	10.85 lb. (4.92 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.)	12VDC: 25 BTU/Hr. 24VDC: 37 BTU/Hr.

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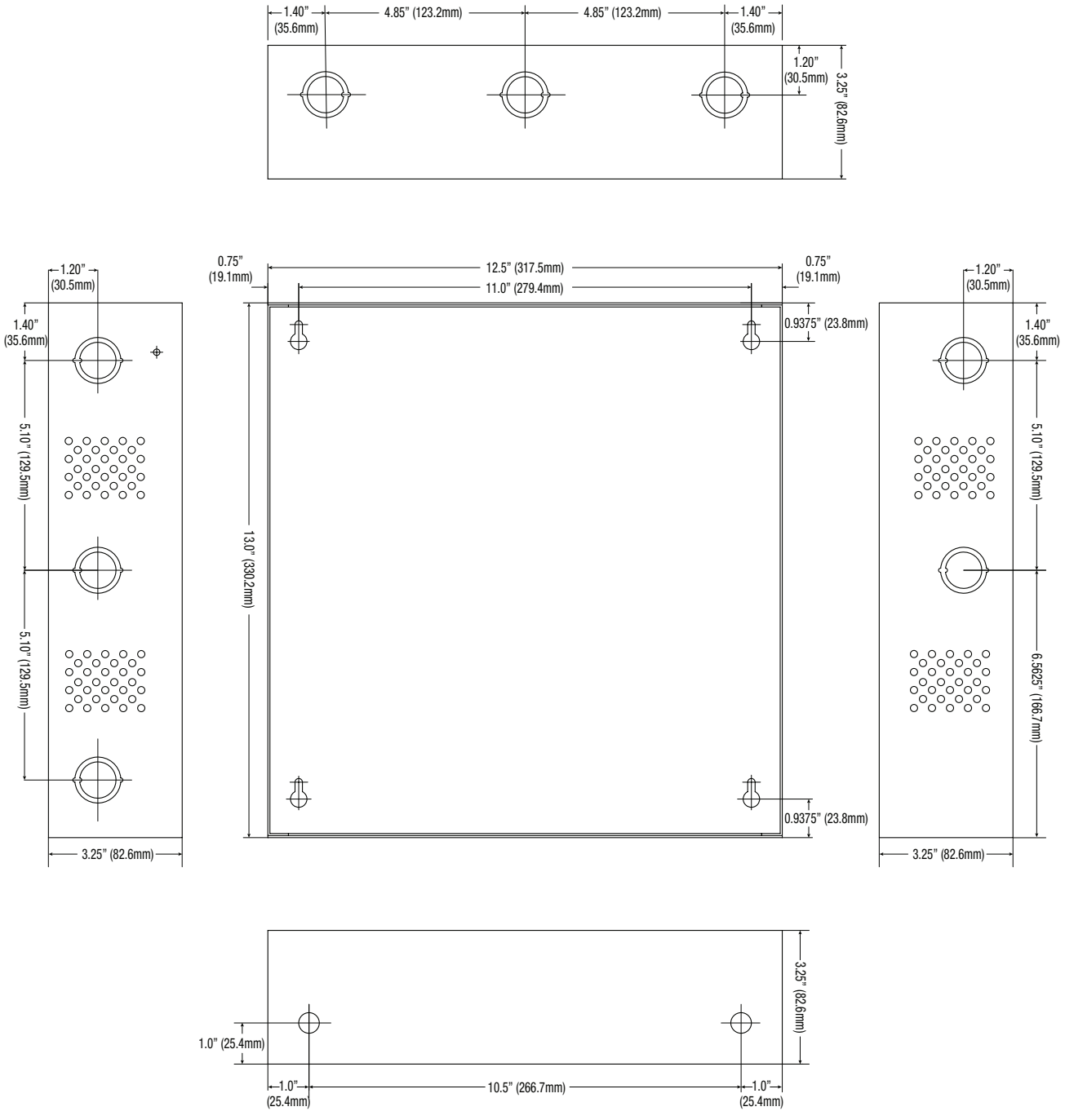
AL400ULX Series

Power Supply/Chargers

Dimensions and Drawing

AL400ULX, AL400ULPD4(CB), AL400ULPD8(CB) Dimensions (H x W x D approximate)

13" x 12.5" x 3.25" (330.2mm x 317.5mm x 82.6mm)



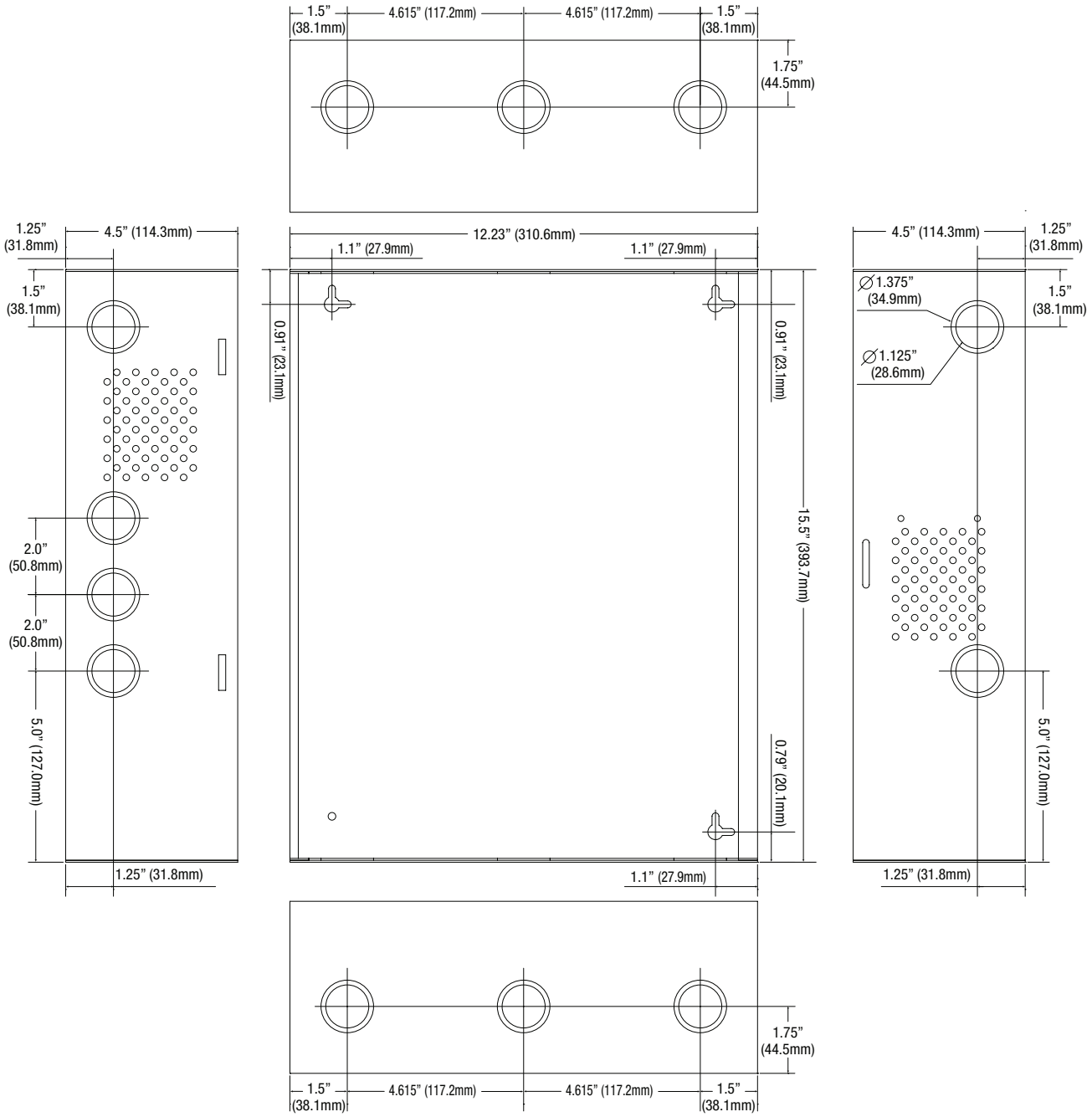
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