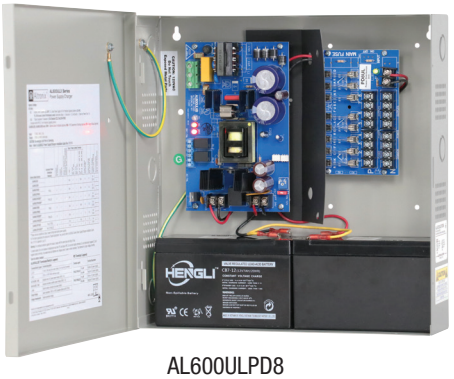
Altronix®

Rev. 06282023

AL600ULX Series

Power Supply/Chargers

Altronix AL600ULX 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 or 24VDC with a total of 6A max.



AL600ULPD8

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

AL600ULX Series Power Supply Configuration Reference Chart

Altronix Model Number	Input Rating: 115VAC, 60Hz	Input Fuse Rating	Total Output Rating (A)	Power Distribution Module	Class 2 Rated Power-Limited Outputs (auto-resettable)	Number of Outputs	Fused Output Ratings	PTC Output Ratings	Accommodates Batteries
AL600ULX	3.5A	5A/ 250V	6A	N/A	–	1	6A	–	Two (2) 7AH
AL600ULXX									Two (2) 12AH
AL600ULPD4				PD4UL	–	4	3.5A	–	Two (2) 7AH
AL600ULXPD4									Two (2) 12AH
AL600ULPD4CB				PD4ULCB	✓	4	–	2.5A	Two (2) 7AH
AL600ULXPD4CB									Two (2) 12AH
AL600ULPD8				PD8UL	–	8	3.5A	–	Two (2) 7AH
AL600ULXPD8									Two (2) 12AH
AL600ULPD8CB				PD8ULCB	✓	8	–	2.5A	Two (2) 7AH
AL600ULXPD8CB									Two (2) 12AH
AL600ULXPD16				Two (2) PD8UL	–	16	3.5A	–	Two (2) 12AH
AL600ULXPD16CB				Two (2) PD8ULCB	✓	16	–	2.5A	Two (2) 12AH

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Specifications

Input

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

Outputs

Voltage	12VDC or 24VDC selectable
Current	6A @ 12VDC or 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) 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

AL600ULX and AL600ULXX only:

CSFM	California State Fire Marshall Approved
MEA	NYC Department of Buildings Approved

AL600ULX only:

FM	Factory Mutual Approved

Physical and Environmental

Dimensions (H x W x D)

AL600ULX, AL600ULPD4(CB), AL600ULPD8(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)

AL600ULXX, AL600ULXPD4(CB), AL600ULXPD8(CB), AL600ULXPD16(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)

Weight (approx.)

Model	Product Weight	Shipping Weight
AL600ULX	7.05 lb. (3.2 kg)	8.9 lb. (4.1 kg)
AL600ULXX	8.65 lb. (3.92 kg)	10.95 lb. (4.97 kg)
AL600ULPD4(CB)	7.2 lb. (3.27 kg)	9.05 lb. (4.1 kg)
AL600ULXPD4(CB)	8.7 lb. (3.95 kg)	11.05 lb. (5.01 kg)
AL600ULPD8(CB)	7.3 lb. (3.31 kg)	9.15 lb. (4.15 kg)
AL600ULXPD8(CB)	8.8 lb. (4.0 kg)	11.15 lb. (5.06 kg)
AL600ULXPD16(CB)	8.95 lb. (4.06 kg)	11.25 lb. (5.1 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: 37 BTU/Hr. 24VDC: 74 BTU/Hr.

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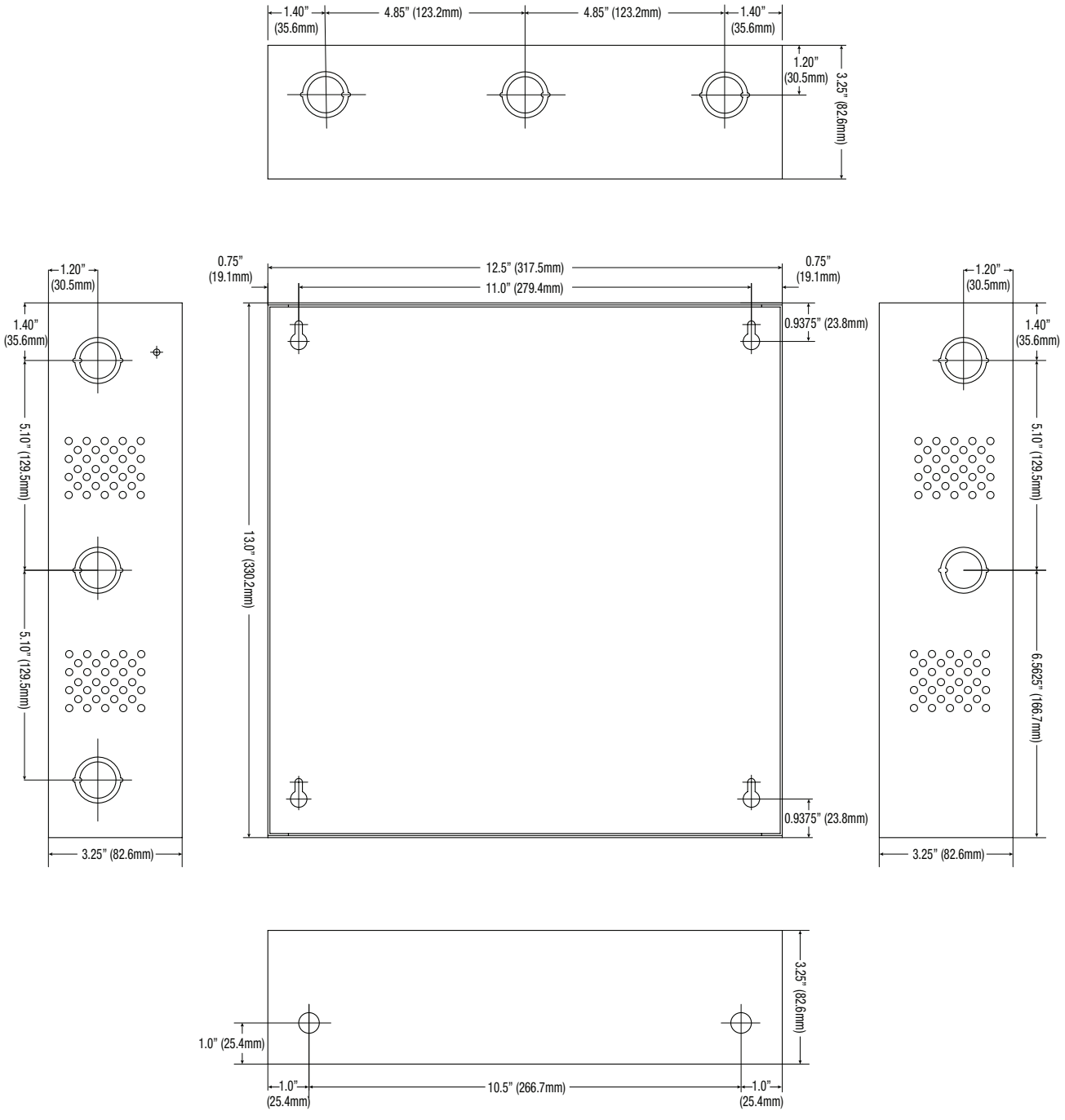
AL600ULX Series

Power Supply/Chargers

Dimensions and Drawing

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



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AL600ULX Series

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