

AL300ULX Series

Power Supply/Chargers

Altronix AL300ULX 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 2.5A max.



AL300ULPD8

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*.

*AL300ULXJ's enclosure is red. For grey enclosure order model AL300ULXJG

AL300ULX 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	Number of Outputs	Fused Outputs Ratings	PTC Auto-Resettable Outputs Ratings	Accommodates Batteries				
AL300ULX	2.5A	3.5A	5A/250V	15A/32V	N/A	1	3.5A	-	Two (2) 7AH				
AL300ULXX									Two (2) 12AH				
AL300ULXJ(G)									Two (2) 18AH				
AL300ULPD4					2.5A	3.5A	5A/250V	15A/32V	PD4UL	4	3.5A	-	Two (2) 7AH
AL300ULPD4CB									PD4ULCB	4	-	2.5A	Two (2) 7AH
AL300ULPD8									PD8UL	8	3.5A	-	Two (2) 7AH
AL300ULPD8CB									PD8ULCB	8	-	2.5A	Two (2) 7AH
AL300ULXPD16									Two (2) PD8UL	16	3.5A	-	Two (2) 12AH
AL300ULXPD16CB									Two (2) PD8ULCB	16	-	2.5A	Two (2) 12AH

Lifetime Warranty



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Specifications

Input

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

Outputs

Voltage 12VDC or 24VDC selectable
Current 2.5A power-limited continuous max.
Protection Fused 3.5A / PTC 2.5A
Other Overvoltage protection
Filtered and regulated
PTC protected outputs are auto-resettable

Back-up Battery *(not included)*

Capacity 7AH / 12VDC (1 or 2 within enclosure)
12AH / 12VDC (requires larger "X" enclosure)
18AH / 12VDC (requires larger "J" enclosure)
40 AH / 65 AH (requires separate enclosure)

Type Sealed lead acid or gel type

Charging current 0.7A

Fuse Rating 15A @ 32VDC

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

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
CSA Standard C603-M1988 Burglar Alarm System

AL300ULX, AL300ULXX and AL300ULXJ only:

CSFM California State Fire Marshall Approved

Physical and Environmental

Dimensions (H x W x D)

AL300ULX, AL300ULPD4(CB), AL300ULPD8(CB):
13.5" x 13" x 3.25" (342.9mm x 330.2mm x 82.6mm)

AL300ULXX, AL300ULXPD16(CB):
15.5" x 12" x 4.5" (393.7mm x 304.8mm x 114.3mm)

AL300ULXJ:
18" x 14.5" x 4.625" (457.2mm x 368.3mm x 117.5mm)

Product / Shipping Weight (approx.)

Model	Product Weight	Shipping Weight
AL300ULX	6.65 lbs. (3.1 kg)	8.45 lbs (3.83 kg)
AL300ULXX	8.25 lbs. (3.75 kg)	10.55 lbs. (4.79 kg)
AL300ULXJ(G)	11.5 lbs. (5.22 kg)	13.7 lbs (6.21 kg)
AL300ULPD4(CB)	6.8 lbs. (3.1 kg)	8.6 lbs (3.9 kg)
AL300ULPD8(CB)	6.9 lbs. (3.13 kg)	8.7 lbs (3.95 kg)
AL300ULXPD16(CB)	8.55 lbs. (3.88 kg)	10.85 lbs. (4.92 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.):

12VDC: 15 BTU/Hr.

24VDC: 31 BTU/Hr.

Lifetime Warranty