

# 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 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\*

\*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 Module	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) 12AH				

#### Lifetime Warranty



# 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

### 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  
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

#### AL400ULX and AL400ULXX only:

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: 13.5" x 13" x 3.25" (342.9mm x 330.2mm x 82.55mm)  
Shipping: 15" x 13.875" x 4.75" (381mm x 352.4mm x 120.6mm)

#### AL400ULXX, AL400ULXP4(CB),

#### AL400ULXP8(CB), AL400ULXP16(CB):

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)

#### 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)
AL400ULXP4(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)
AL400ULXP8(CB)	8.45 lb. (3.83 kg)	10.7 lb. (4.85 kg)
AL400ULXP16(CB)	8.55 lb. (3.88 kg)	10.85 lb. (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: 25 BTU/Hr.  
24VDC: 37 BTU/Hr.

## Lifetime Warranty