



AL400ULX

### **Overview**

AL400ULX is a power supply/charger that converts a 115VAC/60Hz input into a single 12VDC or 24VDC Class 2 Rated power-limited output.

### **Specifications**

#### ***Input:***

- Input 115VAC, 60Hz, 3.5 amp.
- Input fuse rated @ 3.5 amp/250V.

#### ***Output:***

- 12VDC or 24VDC selectable output.
- Burglar Alarm Applications (UL 603):  
12VDC = 11.5VDC-13VDC.  
24VDC = 23VDC-26VDC.
- 12VDC @ 4 amp or 24VDC @ 3 amp supply current.
- Class 2 Rated power-limited output.
- Filtered and electronically regulated output.
- Short circuit and thermal overload protection.

#### ***Battery Backup:***

- Built-in charger for sealed lead acid or gel type batteries.
- Automatic switch over to stand-by battery when AC fails.
- Maximum charge current 0.7 amp.

#### ***Supervision:***

- AC fail supervision (form “C” contacts).
- Low battery supervision (form “C” contacts).
- Battery presence supervision (form “C” contacts).

#### ***Visual Indicators:***

- AC input and DC output LED indicators.

#### ***Electrical:***

- Operating temperature: 0° C to 49° C ambient.
- BTU/Hr. :  
12VDC: 14.71 - 16.63 BTU/Hr.  
24VDC: 29.43 - 32.41 BTU/Hr.
- System AC input VA requirement: 345VA.

#### ***Mechanical:***

- Enclosure Dimensions (H x W x D approx.):  
13.5” x 13” x 3.25” (342.9mm x 330.2mm x 82.55mm)  
- Accommodates up to two (2)12VDC/7AH batteries.
- Product weight (approx.): 8.65 lbs. (3.86 kg).
- Shipping weight (approx.): 9.55 lbs. (4.26 kg).

### **Agency Approvals**



- |         |   |
|---------|---|
| UL 294  | UL Listed for Access Control System Units.                                |
| UL 603  | UL Listed Standard for Power Supplies for Use with Burglar-Alarm Systems. |
| UL 1069 | UL Listed Hospital Signaling and Nurse Call Equipment.                    |
| UL 1481 | UL Listed Standard for Safety for Fire Protective Signaling Systems.      |



General Signaling Equipment  
 Evaluated to CSA Standard C22.2  
 No.205-M1983



MEA - NYC Department of  
 Buildings Approved.



CSFM - California State Fire  
 Marshal Approved.

**Enclosure Dimensions (H x W x D approximate):**  
**13.5" x 13" x 3.25" (342.9mm x 330.2mm x 82.55mm)**

