



### **Overview**

AL300ULPD4R is a multi-output power supply/charger that converts a 115VAC/60Hz input into four (4) Class 2 Rated 12VDC or 24VDC power-limited outputs.

### **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 = 10VDC-13.2VDC.  
24VDC = 20VDC-26.4VDC.
- 12VDC or 24VDC @ 2.5 amp supply current.
- Four (4) Class 2 Rated fuse protected power-limited outputs.
- Outputs are rated @ 3.5 amp.
- Filtered and electronically regulated outputs.
- 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).
  - Notification trigger is selectable for 30 seconds (factory set) or 6 hours.
- Low battery supervision (form “C” contacts).
- Battery presence supervision (form “C” contacts).

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

- AC input, DC output and Battery 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: 402.5VA.

#### ***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.): 8.45 lbs. (3.83 kg).
- Shipping weight (approx.): 9.35 lbs. (4.24 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

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

