



AL300ULXPD16R

**Overview**

AL300ULXPD16R is a multi-output power supply/charger that converts a 115VAC/60Hz input into sixteen (16) 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.
- Sixteen (16) 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).
- 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: 345VA.

**Mechanical:**

- Enclosure Dimensions (H x W x D approx.):  
15.5” (393.7mm) x 12” (304.8mm) x 4.5” (114.3mm)  
- Accommodates up to two (2) 12VDC/12AH batteries.
- Product weight (approx.): 10.1 lbs. (4.58 kg).
- Shipping weight (approx.): 11.4 lbs. (5.17 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.

**Enclosure Dimensions (H x W x D) (approximate):**  
 15.5" (393.7mm) x 12" (304.8mm) x 4.5" (114.3mm)

