



# AL300ULPD8CBR Multi-Output Power Supply/Charger

Rev. DSAL300ULPD8CBR\_12052012



AL300ULPD8CBR

## Overview

AL300ULPD8CBR is a multi-output power supply/charger that converts a 115VAC/60Hz input into eight (8) 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.
- Eight (8) Class 2 Rated PTC protected power limited outputs.
- Outputs are rated @ 2.5 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.):  
13.5" (342.9mm) x 13" (330.2mm) x 3.25" (82.55mm)  
- Accommodates up to two (2)12VDC/7AH batteries.
- Product weight (approx.): 8.7 lbs. (3.95 kg).
- Shipping weight (approx.): 9.8 lbs. (4.35 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):**

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