



Overview

AL300ULPD4CB 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 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: 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)

