



AL300ULXR Power Supply/Charger

Rev. DSAL300ULX_02072014



AL300ULXR

Overview

AL300ULXR 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 = 10VDC-13.2VDC.
24VDC = 20VDC-26.4VDC.
- 2.5 amp total supply current.
- 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, 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.): 8.3 lbs. (3.76 kg).
- Shipping weight (approx.): 9.2 lbs. (4.17 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. |



MEA
Approved

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):

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