



AL100UL Linear Power Supply/Charger

Rev. DSAL100UL_11072012



AL100UL

Overview

AL100UL is a Linear Power Supply/Charger that converts a low voltage input, into a 12VDC output.

Specifications

Input:

- 16.5VAC, 20VA from UL Listed, Class 2 transformer.

Output:

- 12VDC output.
- 750mA supply current.
- Class 2 Rated power limited output.
- 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 0.5 amp.
- Low battery disconnect prevents batteries from deep discharge.

Supervision:

- AC fail supervision (form “C” contacts).
- Low battery supervision (form “C” contacts).

Visual Indicators:

- AC input and DC output LED indicators.

Electrical:

- Operating temperature: 0° C to 49° C ambient.
- 4.6 BTU/Hr.
- System AC input VA requirement: 26.45VA.

Mechanical:

- Enclosure Dimensions (H x W x D approx.):
8.5” (215.9mm) x 7.5” (190.5mm) x 3.5” (88.9mm).
- Accommodates one (1) 12VDC/7AH battery.
- Product weight (approx.): 6.4 lbs. (2.90 kg).
- Shipping weight (approx.): 6.9 lbs. (3.13 kg).

Agency Approvals



UL Listed Standard for Power Supplies for Use with Burglar Alarm System Units (UL 603).



CUL Listed - CSA Standard C603-M1983, Burglar Alarm System.

Enclosure Dimensions (H x W x D) (approximate):

8.5" (215.9mm) x 7.5" (190.5mm) x 3.5" (88.9mm)

