

**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 (sold separately).

***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” x 7.5” x 3.5” (215.9mm x 190.5mm x 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" x 7.5" x 3.5" (215.9mm x 190.5mm x 88.9mm)

