



AL176ULB

Overview

AL176ULB is a Single Output Power Supply/Charger that converts a low voltage AC input into a PTC protected 12VDC or 24VDC output.

Specifications

Input:

- 28VAC, 56VA from UL Listed, Class 2 transformer.

Output:

- 12VDC or 24VDC selectable outputs.
- 1.75 amp supply current.
- Class 2 Rated power limited output.
- PTC protected outputs, rated @ 2.5 amp.
- 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 0.4 amp.

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.
- 10.75 or 21.5 BTU/Hr.
- System AC input VA requirement: 57.5VA.

Mechanical:

- Product weight (approx.): 1.25 lbs. (0.57 kg).
- Shipping weight (approx.): 1.45 lbs. (0.66 kg).

Agency Approvals



UL Recognized component.

Board Dimensions (W x L x D) (approximate):

3.1" (78.74mm) x 5.3" (134.62mm) x 1.4" (35.56mm)

Mounting Diagram

