



AL1024ULXB

## Overview

AL1024ULXB is a UL Recognized power supply/charger that converts a 115VAC, 60Hz input into a single 24VDC non-power limited output.

## Specifications

### **Input:**

- Input 115VAC, 60Hz, 4.4 amp.
- Input fuse rated @ 3.5 amp/250V.

### **Output:**

- 24VDC output.
- 10 amp of continuous supply current for Access Control applications.
- 8 amp of continuous supply current for Fire Alarm applications.
- 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.

### **Battery Backup (cont'd):**

- Maximum charge current 3.6 amp.

### **Supervision:**

- AC fail supervision (form "C" contacts).
- Low battery supervision (form "C" contacts).
- Battery presence supervision (form "C" contacts).

### **Visual Indicators:**

- AC input and DC output LED indicators.

### **Electrical:**

- Operating temperature: 0° C to 49° C ambient.
- 122.84 BTU/Hr.
- System AC input VA requirement: 506VA.

### **Mechanical:**

- Product weight (approx.): 2.45 lbs. (1.11 kg).
- Shipping weight (approx.): 2.75 lbs. (1.25 kg).

## Agency Approvals



UL Recognized component for Access Control System Units (UL 294)  
Standard for Safety for Fire Protective Signaling Systems (UL 1481).

## Board Dimensions (L x W x H) (approximate):

5.2" (132.08mm) x 7.6" (193.04mm) x 2.5" (63.5mm)

