



# AL1024ULXPD4CBR Multi-Output Power Supply/Charger

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AL1024ULXPD4CBR

## Overview

AL1024ULXPD4CBR is a multi-output power supply/charger that converts a 115VAC 60Hz input into four (4) 24VDC Class 2 Rated power-limited outputs.

## Specifications

### Input:

- Input 115VAC, 60Hz, 4.2 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.
- Four (4) Class 2 Rated PTC protected power-limited outputs.
- Outputs are 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 3.6 amp.

### Supervision:

- AC fail supervision (form “C” contacts).
  - Notification trigger is selectable for 30 seconds (factory set) or 6 hours.
- 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: 483VA.

### Mechanical:

- Enclosure Dimensions (H x W x D approx.): 15.5” x 12” x 4.5” (393.7mm x 304.8mm x 114.3mm)
  - Accommodates up to two (2) 12VDC/12AH batteries.
- Product weight (approx.): 10.1 lbs. (4.58 kg).
- Shipping weight (approx.): 11.4 lbs. (5.17 kg).

## Agency Approvals



UL 294 UL Listed for Access Control System Units.  
UL 1481 UL Listed Standard for Safety for Fire Protective Signaling Systems.



General Signaling Equipment  
Evaluated to CSA Standard C22.2  
No.205-M1983

**Enclosure Dimensions (H x W x D approximate):**  
 15.5" x 12" x 4.5" (393.7mm x 304.8mm x 114.3mm)

