



AL1024ULXPD16CBR

**Overview**

AL1024ULXPD16CBR is a multi-output power supply/charger which converts a 115VAC, 60Hz input into sixteen (16) 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.
- Sixteen (16) 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.

**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:**

- Enclosure Dimensions (H x W x D approx.):  
15.5” (393.7mm) x 12” (304.8mm) x 4.5” (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.

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

