



AL400UL3X Triple Output Power Supply/Charger

Rev. DSAL400UL3X_11082012



AL400UL3X

Overview

AL400UL3X triple output power supply/charger is designed for use with access control systems and accessories. It converts a 115VAC / 60Hz input into three (3) individually PTC protected 5VDC, 12VDC and 24VDC regulated outputs.

Specifications

Input:

- Input 115VAC, 60Hz, 1.45 amp.

Output:

- 5VDC, 12VDC, 24VDC simultaneous outputs.
 - 5VDC @ 1.75 amp continuous supply current.
 - 12VDC @ 1.75 amp continuous supply current.
 - 24VDC @ 1.5 amp continuous supply current.
- 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 0.7 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.
- 25 BTU/Hr.
- System AC input VA requirement: 166.75VA.

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.): 10.65 lbs. (4.83 kg).
- Shipping weight (approx.): 11.95 lbs. (5.42 kg).

Agency Approvals



- UL 294 UL Listed for Access Control System Units.
- UL 603 UL Listed Standard for Power Supplies for Use with Burglar-Alarm Systems.
- UL 1069 UL Listed Hospital Signaling and Nurse Call Equipment.
- UL 1481 UL Listed Standard for Safety for Fire Protective Signaling Systems.



MEA - NYC Department of Buildings Approved.



CSFM - California State Fire Marshal Approved.

Enclosure Dimensions (H x W x D) (approximate):
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