



Altronix®

AL600UL3X Triple Output Power Supply/Charger

Rev. DSAL600UL3X_02192014



AL600UL3X

Overview

AL600UL3X 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, 3.5 amp.

Output:

- 5VDC, 12VDC, 24VDC simultaneous outputs.
 - 5VDC @ 1.75 amp continuous supply current.
 - 12VDC @ 1.75 amp continuous supply current.
 - 24VDC @ 3 amp continuous supply current.
- Two (2) Class 2 Rated PTC protected power limited outputs (5VDC and 12VDC outputs) and one (1) PTC protected output.
- 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.
- 38 BTU/Hr.
- System AC input VA requirement: 218.5VA.

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.): 9.8 lbs. (4.45 kg).
- Shipping weight (approx.): 11.1 lbs. (5.03 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



MEA - NYC Department of
Buildings Approved.



CSFM - California State Fire
Marshal Approved.

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