AL300ULXD
Multi-Output Power Supply/Charger

Rev. DSAL300ULXD_05042015

AL300ULXD

Overview

AL300ULXD is a power supply/charger that converts a 115VAC 50/60Hz or 230VAC 50/60Hz input into a single 12VDC or 24VDC Class 2 Rated power-limited output.

Specifications

Input:
- 115VAC 50/60Hz, 0.9 amp or 230VAC 50/60Hz, 0.45 amp input.

Output:
- 12VDC or 24VDC selectable output.
- 12VDC or 24VDC @ 2.5 amp supply current.
- Class 2 Rated power-limited output.
- 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 0.6 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).

Visual Indicators:
- AC input and DC output LED indicators.

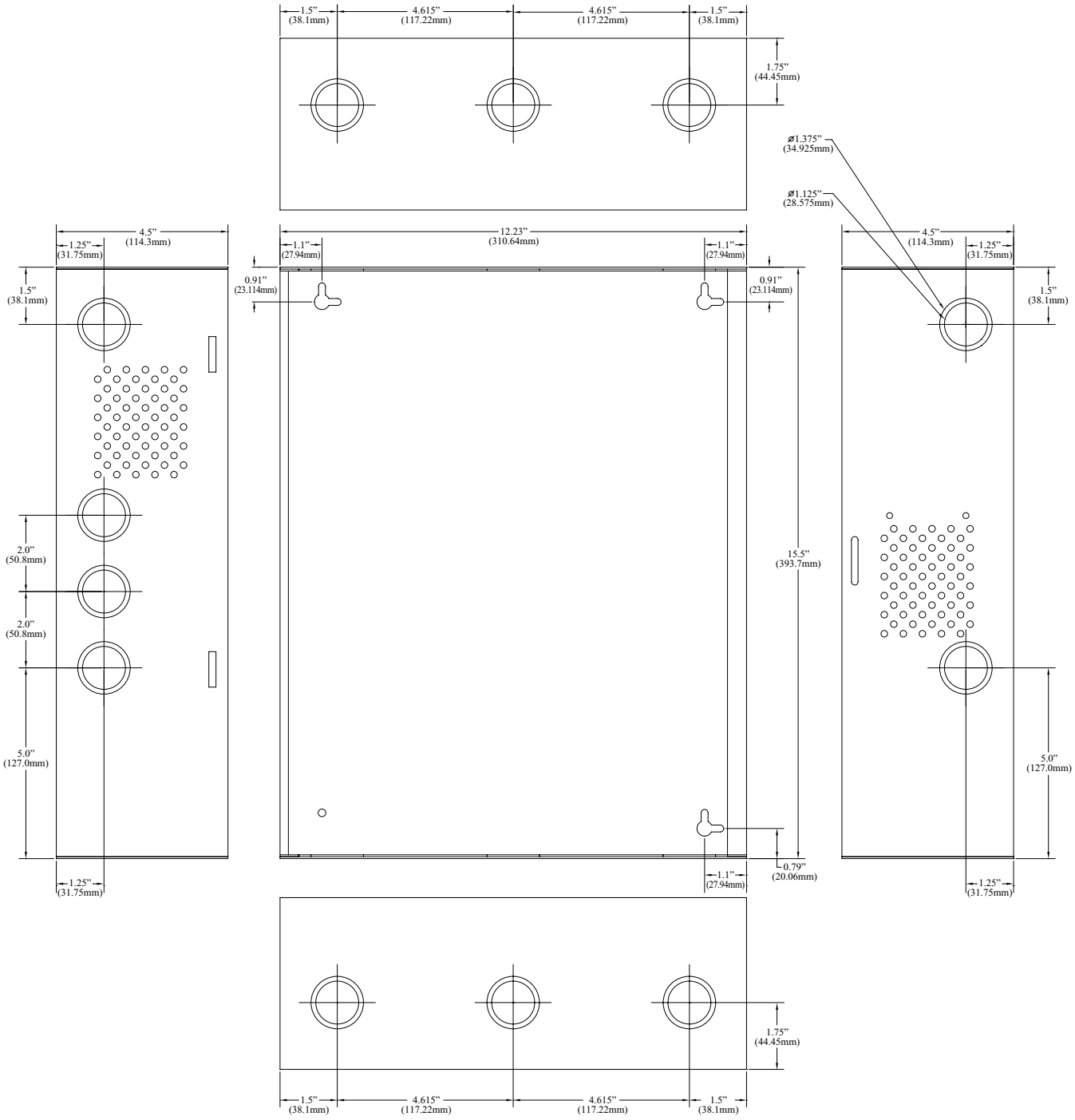
Electrical:
- Operating temperature: 0º C to 49º C ambient.
- 15.35 - 30.71 BTU/Hr.
- System AC input VA requirement: 103.5VA.

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.): 11.7 lbs. (5.31 kg.).
- Shipping weight (approx.): 13.0 lbs. (5.90 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.

CE Approved.

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

15.5” x 12” x 4.5” (393.7mm x 304.8mm x 114.3mm)