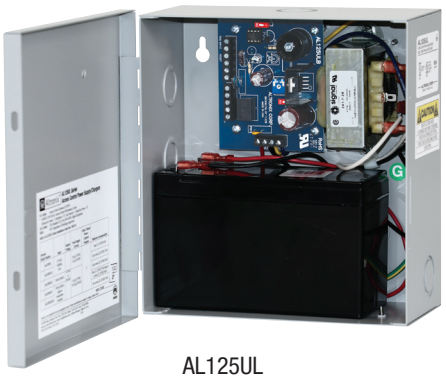
Altronix®

Rev. 07092024

AL125UL Series

Power Supply/Chargers

Altronix AL125UL Series power-limited Power Supply/Chargers convert 115VAC 50/60Hz input into two individually PTC protected 12VDC or 24VDC outputs (see specifications). They are intended for use in applications requiring UL Listing for Access Control (UL294) and applications requiring an interface with Fire Alarm Control Panels.



AL125UL

Key Features

- Two (2) 12VDC or 24VDC Class 2 Rated Power-Limited Outputs
- Built-in charger for sealed lead acid or gel type batteries
- Instantaneous transfer to stand-by batteries
- Short circuit and overload protection
- AC input and unit status indicator on the front panel
- Normally Open [NO] trigger input
- Supervised Fire Alarm Disconnect (Latching with reset or Non-Latching)
- UL Listed in the U.S. and Canada
- NFPA and MEA Approved
- Lifetime Warranty

AL125UL Series Power Supply Configuration Reference Chart

Altronix Model Number	Input Rating	12VDC Max. Stand-By Load	12VDC Max. Alarm Load	24VDC Max. Stand-By Load	24VDC Max. Alarm Load	Stand-By Specifications (4 hr. of Stand-by and 5 min. of Alarm)		Accommodates Batteries
						12VDC or 24VDC 4AH Battery	12VDC or 24VDC 7AH Battery	
AL125UL	115VAC, 50/60Hz, 0.5A	1A	1A	1A	1A	0.5A / 1A	1A / 1A	One (1) 12VDC/7AH or two (2) 12VDC/4AH
AL125ULX								Up to two (2) 12VDC/7AH
AL125ULP	24VAC, 40VA			0.5A	0.5A			Up to two (2) 12VDC/4AH
AL125ULE								Up to two (2) 12VDC/7AH

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AL125UL Series

Power Supply/Chargers

Specifications

Input

Voltage	Varies, See Reference Chart

Outputs

Voltage	12VDC or 24VDC selectable
Current	1A power-limited continuous max.
Protection	PTC
Other	Filtered and regulated

Battery Charging

Capacity	Varies, See Reference Chart
Type	Sealed lead acid or gel type
Failover	Upon AC loss, instantaneous

Batteries are sold separately

Indicator (LED)

Unit Status	Normal/No Output/Loss of AC/Triggered

Agency Listings

UL294	Access Control

CSA Standard C22.2 No.205-M1983, Signal Equipment

NYC Department of Buildings Approved

Physical and Environmental

Dimensions (H x W x D) and Description

AL125UL *(power supply, transformer, cam lock, and enclosure):*

AL125ULP *(power supply, 24VAC/40VA plug-in transformer, cam lock, and enclosure):*

AL125ULE *(power supply, cam lock, and enclosure):*

Enclosure:
8.125" x 7.4" x 3.55" (206.4mm x 188mm x 90.2mm)
Shipping:
13" x 10" x 7" (330.2mm x 254mm x 177.8mm)

AL125ULX *(power supply, transformer, cam lock, and enclosure):*

Enclosure:
13" x 12.5" x 3.25" (330.2mm x 317.5mm x 82.6mm)
Shipping:
15" x 13.875" x 4.75" (381mm x 352.4mm x 120.6mm)
Enclosure accommodates up to two (2) 12VDC/7AH batteries

Weight (approx.)

Model	Product Weight	Shipping Weight
AL125UL	5.1 lb. (2.31 kg)	5.6 lb. (2.54 kg)
AL125ULP	6.3 lb. (2.86 kg)	6.8 lb. (3.08 kg)
AL125ULE	3.3 lb. (1.50 kg)	3.8 lb. (1.72 kg)
AL125ULX	9.5 lb. (4.31 kg)	10.4 lb. (4.72 kg)

Temperature

Operating:	0ºC to 49ºC (32ºF to 120ºF)
Storage:	– 20ºC to 70ºC (– 4ºF to 158ºF)
Relative Humidity	20 to 85%, non-condensing
BTU/Hr. (approx.)	12VDC: 6 BTU/Hr. 24VDC: 6 or 12 BTU/Hr.

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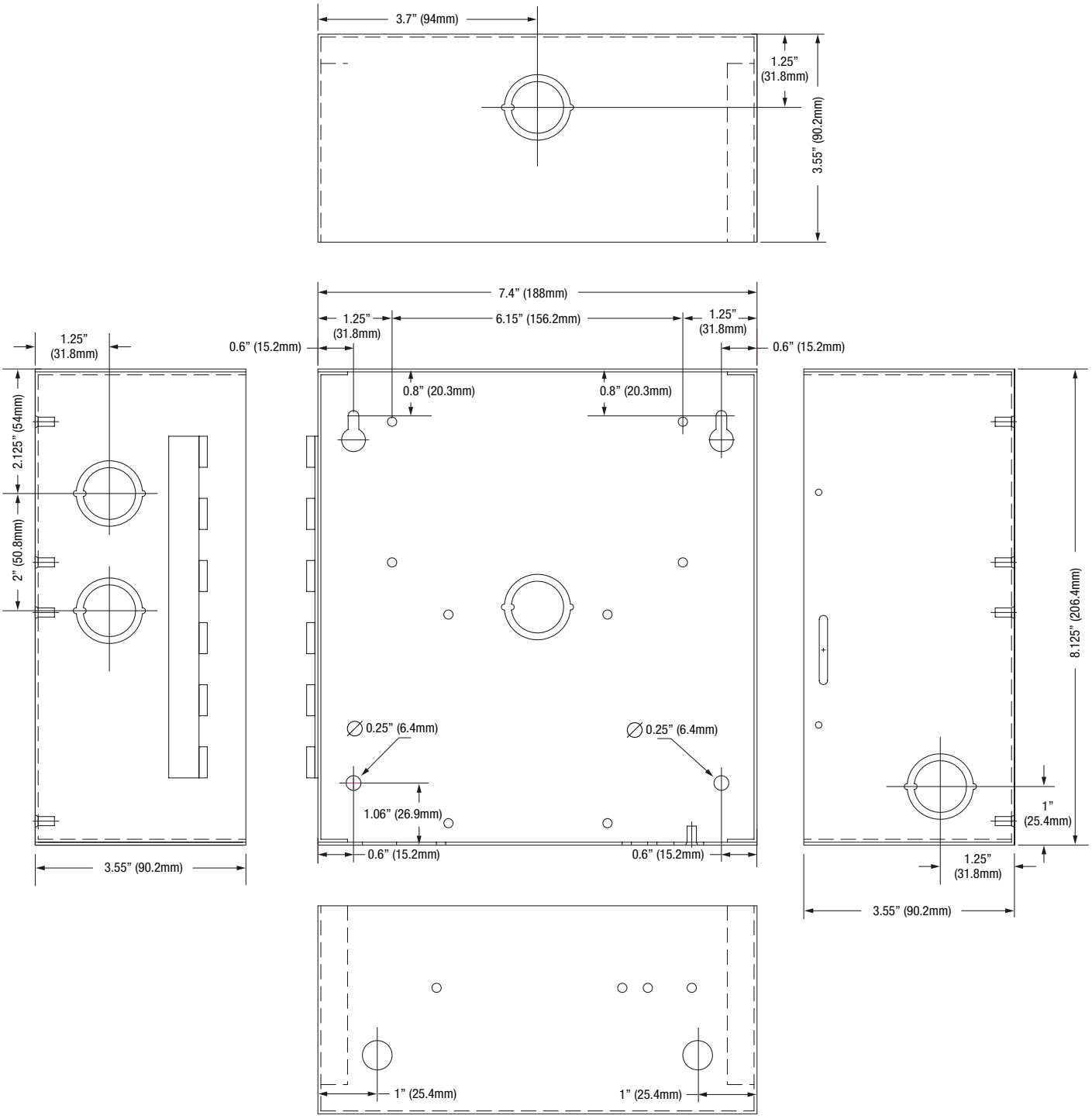
AL125UL Series

Power Supply/Chargers

Dimensions and Drawing

AL125UL, AL125ULP, AL125ULE Dimensions (H x W x D approximate)

8.125” x 7.4” x 3.55” (206.4mm x 188mm x 90.2mm)



AL125UL Series

Power Supply/Chargers

Dimensions and Drawing

AL125ULX Dimensions (H x W x D approximate)

13” x 12.5” x 3.25” (330.2mm x 317.5mm x 82.6mm)

