Altronix®

Rev. 06282023

AL600UL3X

Triple Output Power Supply/Charger

Altronix 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.

AL600UL3X

Specifications

Input

Voltage	115VAC, 60Hz, 3.5A

Outputs

Two (2) Class 2 Rated power-limited outputs:
- 5VDC @ 1.75A continuous supply current
- 12VDC @ 1.75A continuous supply current

One (1) PTC protected output:
- 24VDC @ 3A continuous supply current

Other	Short circuit and thermal overload protection Filtered and electronically regulated outputs

Battery Charging

Type	Sealed lead acid or gel type
Failover	Upon AC loss, instantaneous

Batteries are sold separately

Supervision

AC Failure	Form “C” contacts
Low Battery	Form “C” contacts
Battery Presence	Form “C” contacts

Indicators (LED)

Input	Input voltage is present
DC Output	Powered

Agency Listings

UL	
UL294	Access Control
UL1481	Fire Protective Signaling Systems
cUL	CSA Standard C22.2 No.205-M1983, Signal Equipment
CSFM	CSFM Approved
MEA	NYC Department of Buildings Approved

Physical and Environmental

Dimensions (H x W x D)

Enclosure:
15.5” x 12.23” x 4.5” (393.7mm x 310.6mm x 114.3mm)

Shipping:
16.5” x 13.5” x 6” (419.1mm x 342.9mm x 152.5mm)

Enclosure accommodates up to two (2) 12VDC/12AH batteries

Weight (approx.)

Product:	9.8 lb. (4.45 kg)
Shipping:	11.1 lb. (5.03 kg)

Temperature

Operating:	0ºC to 49ºC (32ºF to 120ºF)
Storage:	– 20ºC to 70ºC (– 4ºF to 158ºF)

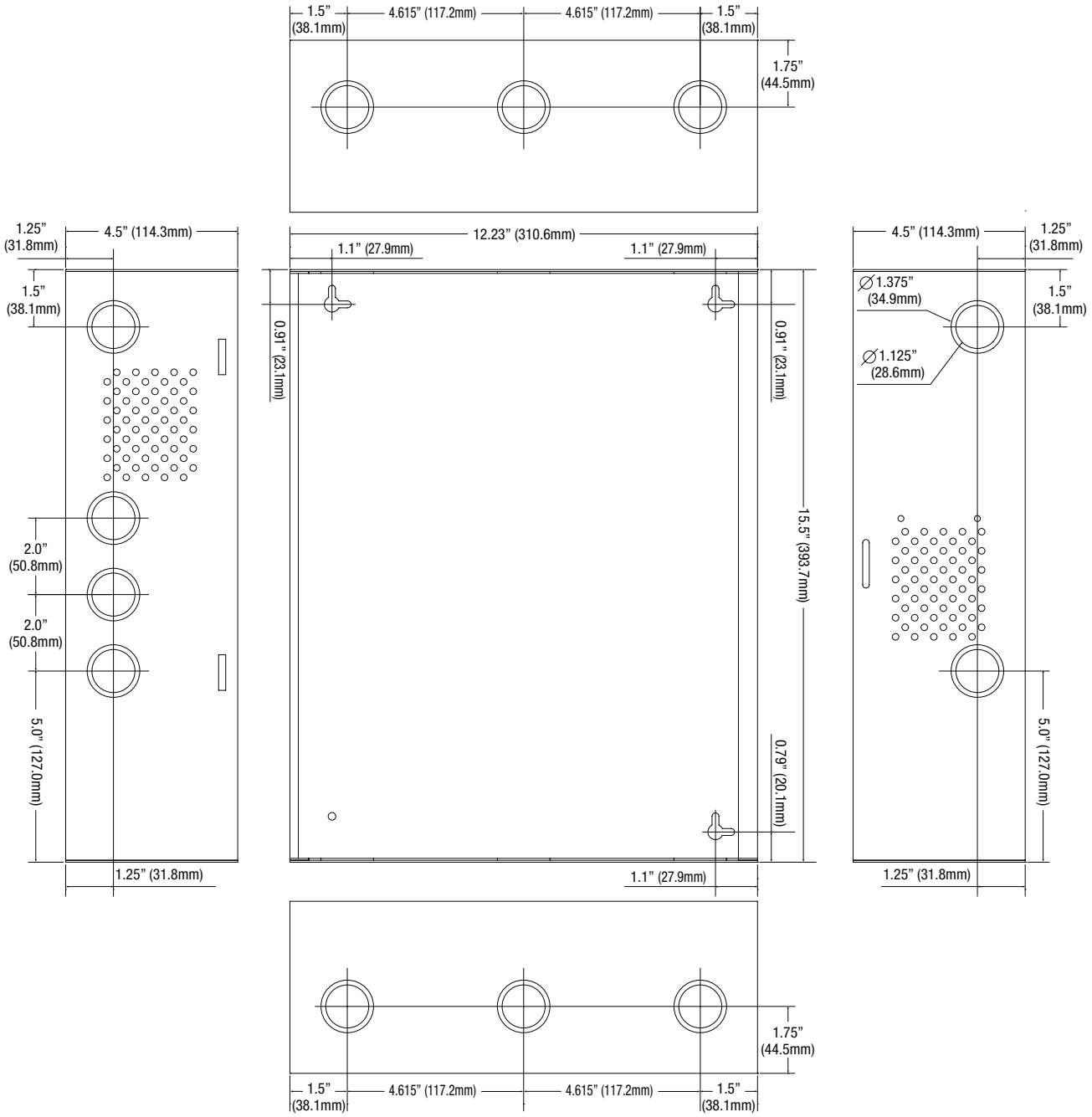
Relative Humidity	20 to 85%, non-condensing
BTU/Hr (approx.)	52 BTU/Hr.

Altronix Corporation | 140 58th St | Brooklyn, NY 11220 USA
phone: +1 718.567.8181 | fax: +1 718.567.9056 | email: info@altronix.com | www.altronix.com

AL600UL3X

Triple Output Power Supply/Charger

Dimensions and Drawing

Dimensions (H x W x D approximate)

15.5" x 12.23" x 4.5" (393.7mm x 310.6mm x 114.3mm)