

# AL1024X220 Series

## Power Supply/Chargers

Altronix AL1024X220 series power supply/chargers convert a 220VAC (working range 198VAC-256VAC), 50/60Hz input into a single fused, four (4), eight (8) or sixteen (16) fuse/PTC protected outputs. Outputs are 24VDC with a total of 10A max.



AL1024XP8CB220

### Key Features

- Available with 1, 4, 8 or 16 outputs
- Fused or PTC protected outputs
- Supervision
  - AC Fail;
  - Battery Fail and Battery Presence
- 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 DC output options
- CE European Conformity
- Lifetime Warranty
- All units are available in grey or red enclosure

### AL1024X220 Series Power Supply Configuration Reference Chart

Altronix Model Number	Total Output Rating (A)	Input Rating: 220VAC, 50/60Hz	Input Fuse Rating	Power Supply Battery Fuse Rating	Power Distribution Module(s)	Number of Output(s)	Fused Outputs Ratings	PTC Auto-Resettable Outputs Ratings
AL1024X220	10A	2.5A	5A/ 250V	15A/ 32V	-	1	10A	-
AL1024XPD4220					PD4	4	3.5A	-
AL1024XPD4CB220					PD4CB		-	2.5A
AL1024XPD8220					PD8	8	3.5A	-
AL1024XPD8CB220					PD8CB		-	2.5A
AL1024XPD16220					Two (2) PD8	16	3.5A	-
AL1024XPD16CB220					Two (2) PD8CB		-	2.5A

#### Lifetime Warranty



# AL1024X220 Series

Power Supply/Chargers

## Specifications

### Input

Voltage 220VAC (working range 198VAC - 256VAC),  
50/60Hz, 2.5A max.

Fusing 5A/250V

### Outputs

Voltage 24VDC

Current 10A @ 24VDC continuous max.

Protection Fused 3.5A / PTC 2.5A

Other Overvoltage protection  
Filtered and regulated

### Battery Charging

Capacity 12AH/12VDC (2 within enclosure).  
40AH/65AH (requires separate enclosure)

Type Sealed lead acid or gel type

Failover Upon AC loss, instantaneous

Batteries are sold separately

### Supervision

AC Failure Form "C" contacts

Battery Form "C" contacts

### Indicators (LED)

Input 220VAC is present

DC Output Powered

Battery Discharged or not connected

## Agency Listings

CE European Conformity

## Physical and Environmental

Enclosure:

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

Shipping:

16.5" x 13.5" x 6" (419.1mm x 342.9mm x 152.5mm)

## Weight (approx.)

Model	Product Weight	Shipping Weight
AL1024X220	9.25 lb. (4.2 kg)	11.55 lb. (5.24 kg)
AL1024XPD4(CB)220	9.4 lb. (4.6 kg)	11.7 lb. (5.3 kg)
AL1024XPD8(CB)220	9.5 lb. (4.3 kg)	11.8 lb. (5.35 kg)
AL1024XPD16(CB)220	9.75 lb. (4.42 kg)	12.1 lb. (5.49 kg)

## Temperature

Operating: 0°C to 49°C (32°F to 120°F)

Storage: - 20°C to 70°C (- 4°F to 158°F)

Relative Humidity 85% +/- 5%

BTU/Hr. (approx.): 123 BTU/Hr.

## Lifetime Warranty

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

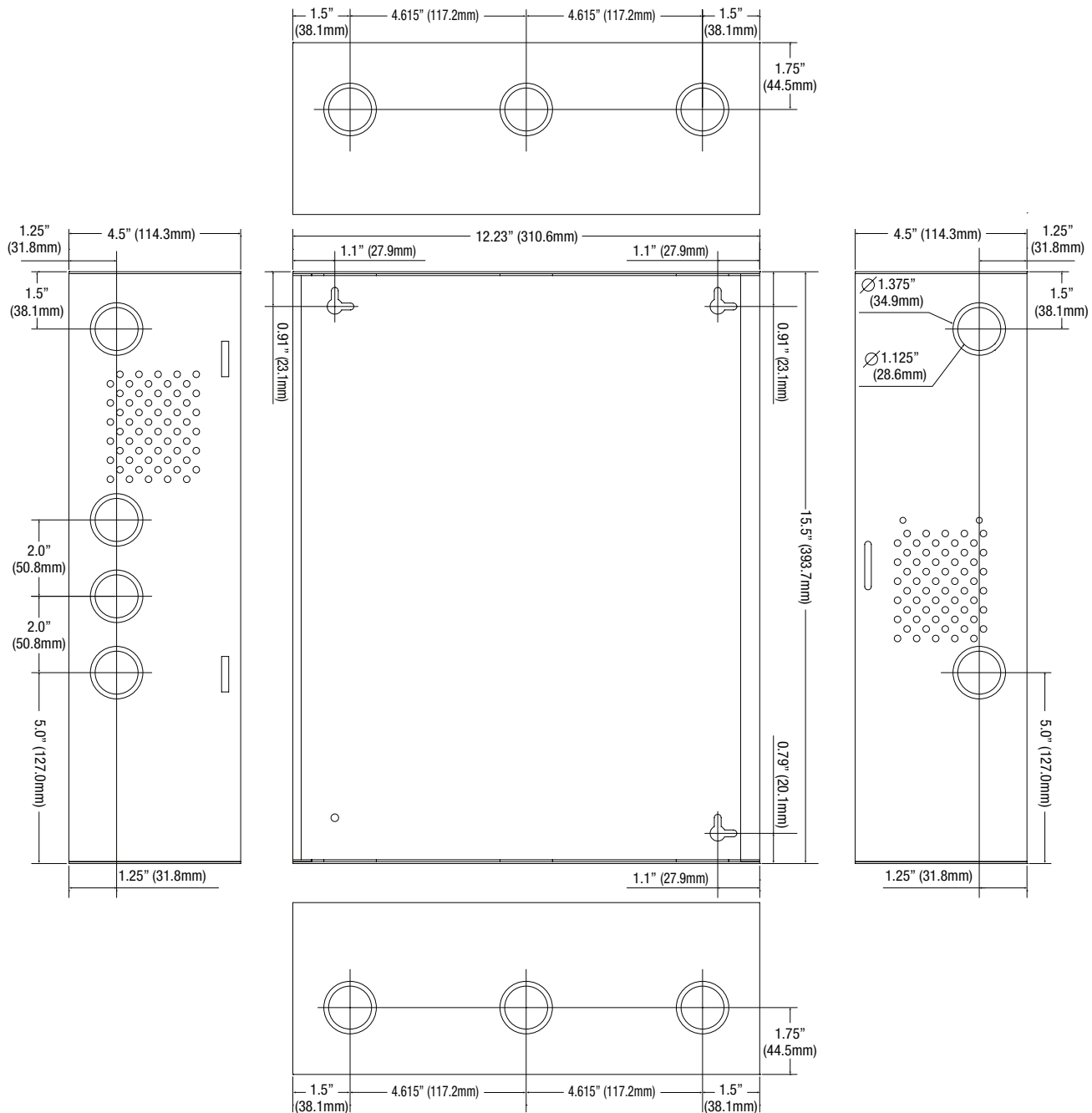
# AL1024X220 Series

Power Supply/Chargers

## Dimensions and Drawing

Dimensions (H x W x D approximate)

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



### Lifetime Warranty

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