

AL600X220 Series

Power Supply/Chargers

Altronix AL600X220 series power supply/chargers convert a 220VAC (working range 198VAC - 256VAC), 50/60Hz input into a single, four (4), eight (8) or sixteen (16) fuse/PTC protected outputs. Outputs are selectable for 12VDC or 24VDC with a total of 6A max.



AL600PD8220

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

AL600X220 series Power Supply Configuration Reference Chart

Altronix Model Number	Total Output Rating (A)	Input Rating: 220VAC, 50/60Hz	Input Fuse Rating	Power Distribution Module(s)	Number of Outputs	Fused Outputs Ratings	PTC Auto-Resettable Outputs Ratings	Accommodates Batteries	
AL600X220	6A	1.5A	5A/250V	N/A	1	6A	-	Two (2) 7AH	
AL600XX220									Two (2) 12AH
AL600PD4220				PD4	4	3.5A	-	-	Two (2) 7AH
AL600XPD4220									Two (2) 12AH
AL600PD4CB220				PD4CB	-	-	2.5A	Two (2) 7AH	
AL600XPD4CB220								Two (2) 12AH	
AL600PD8220				PD8	8	3.5A	-	-	Two (2) 7AH
AL600XPD8220									Two (2) 12AH
AL600PD8CB220				PD8CB	-	-	2.5A	Two (2) 7AH	
AL600XPD8CB220								Two (2) 12AH	
AL600XPD16220				Two (2) PD8	16	3.5A	-	-	Two (2) 12AH
AL600XPD16CB220									Two (2) PD8CB

Lifetime Warranty



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Specifications

Input

Voltage 220VAC (working range 198VAC - 256VAC), 50/60Hz, 1.5A max.

Fusing 5A/250V

Outputs

Voltage 12VDC or 24VDC selectable

Current 6A @ 12VDC or 24VDC continuous max

Protection Fused 3.5A / PTC 2.5A

Other Overvoltage protection
Filtered and regulated

Back-up Battery *(not included)*

Capacity 7AH/12VDC (1 or 2 within enclosure)
12AH/12VDC (requires larger "X" enclosure)
40AH/65 AH (requires separate enclosure)

Type Sealed lead acid or gel type

Failover Upon AC loss, instantaneous

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

Dimensions (H x W x D)

AL600X220, AL600PD4(CB)220, AL600PD8(CB)220:

Enclosure:

13.5" x 13" x 3.25" (342.9mm x 330.2mm x 82.55mm)

Shipping:

15" x 13.875" x 4.75" (381mm x 352.4mm x 120.6mm)

AL600XX220, AL600XP4(CB)220, AL600XP8(CB)220,

AL600XP16(CB)220:

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
AL600X220	7.05 lb. (3.2 kg)	8.9 lb. (4.1 kg)
AL600XX220	8.65 lb. (3.92 kg)	10.95 lb. (4.97 kg)
AL600PD4(CB)220	7.2 lb. (3.27 kg)	9.05 lb. (4.1 kg)
AL600XP4(CB)220	8.7 lb (3.95 kg)	11.1 lb. (5.03 kg)
AL600PD8(CB)220	7.3 lb. (3.31 kg)	9.15 lb (4.15 kg)
AL600XP8(CB)220	8.8 lb. (4.0 kg)	11.2 lb. (5.08 kg)
AL600XP16(CB)220	8.95 lb. (4.06 kg)	11.25 lb. (5.1 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.) 12VDC: 37 BTU/Hr.

24VDC: 74 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

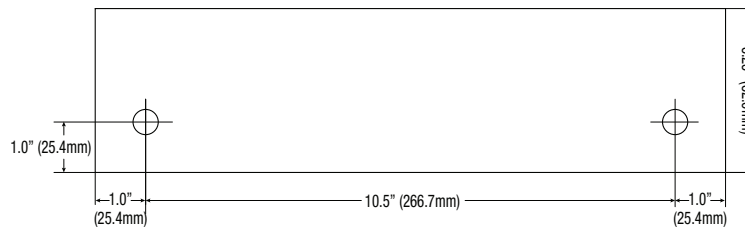
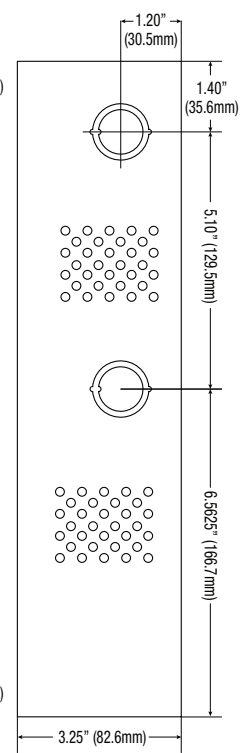
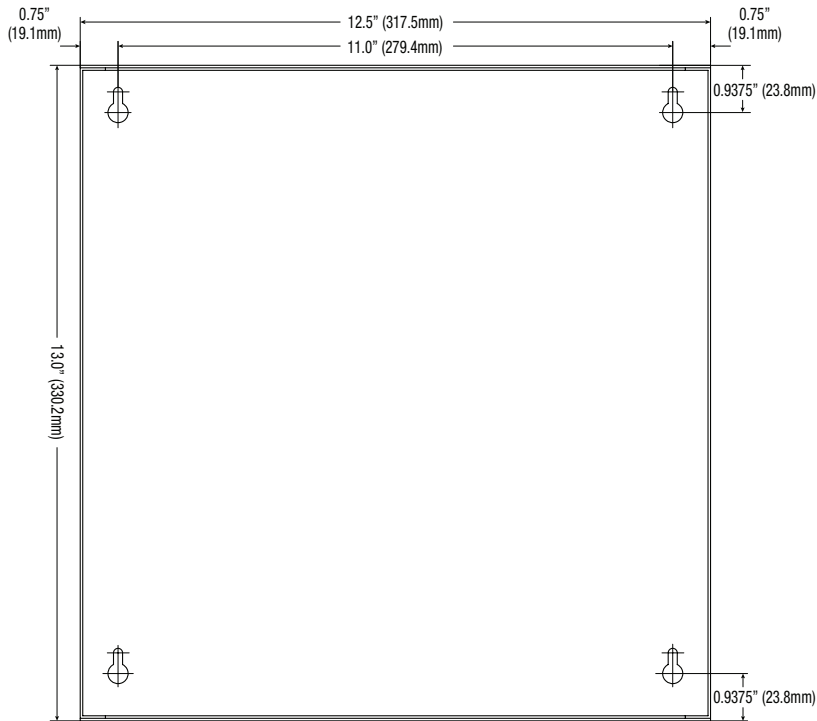
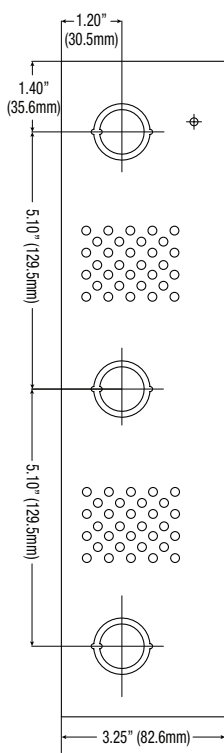
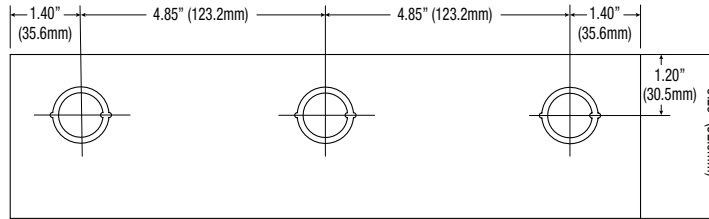
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Power Supply/Chargers

Dimensions and Drawing

AL600X220, AL600PD4(CB)220, AL600PD8(CB)220 Dimensions (H x W x D approximate)

13.5" x 13" x 3.25" (342.9mm x 330.2mm x 82.6mm)



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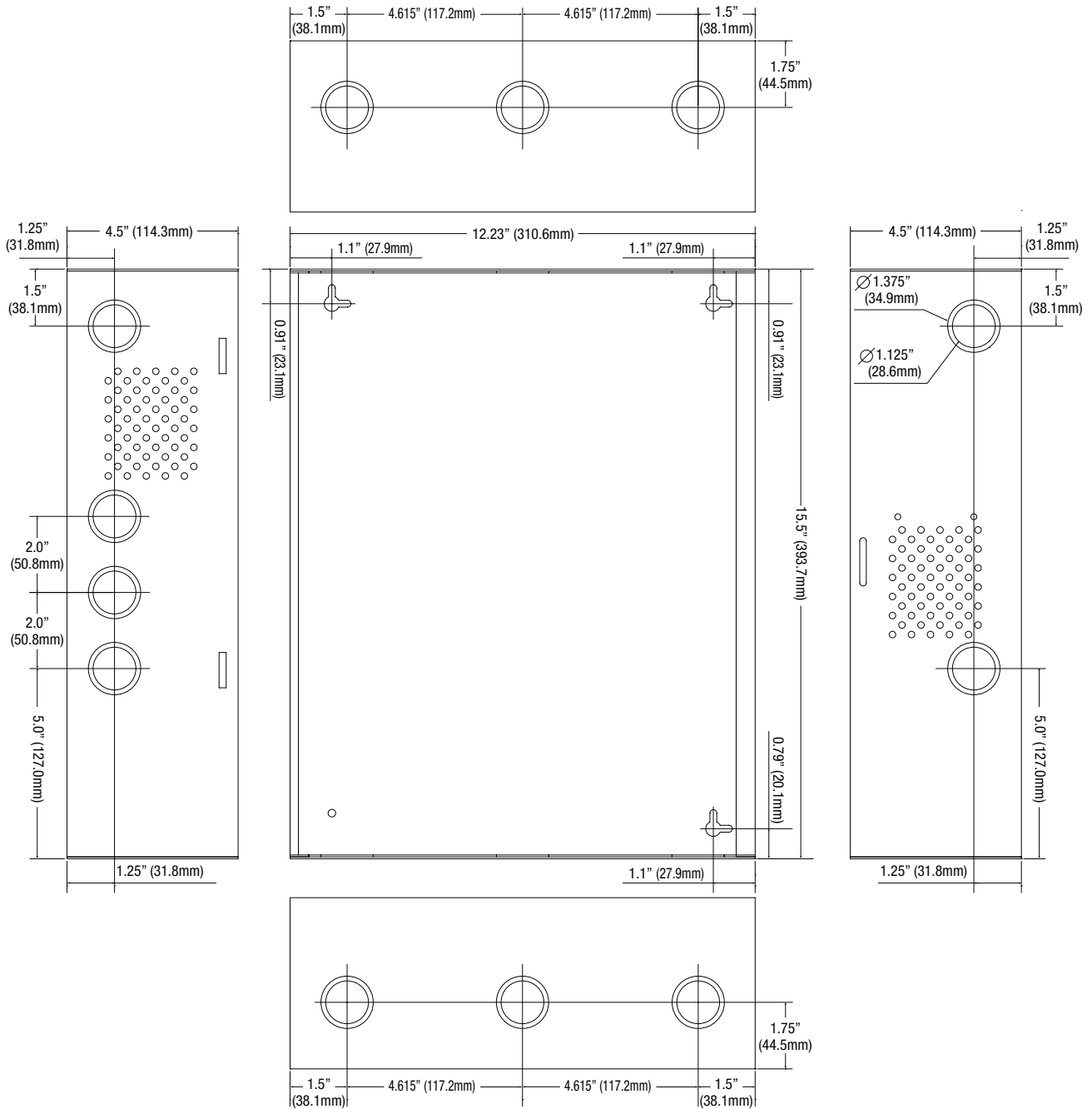
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