

AL1012X220 Series

Power Supply/Chargers

Altronix AL1012X220 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 or PTC protected outputs. Outputs are 12VDC with a total of 10A max.



AL1012XPD8220

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

AL1012X220 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
AL1012X220	10A	1.3A	5A/ 250V	15A/ 32V	—	1	10A	—
AL1012XPD4220					PD4	4	3.5A	—
AL1012XPD4CB220					PD4CB		—	2.5A
AL1012XPD8220					PD8	8	3.5A	—
AL1012XPD8CB220					PD8CB		—	2.5A
AL1012XPD16220					Two (2) PD8	16	3.5A	—
AL1012XPD16CB220					Two (2) PD8CB		—	2.5A

Lifetime Warranty

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AL1012X220 Series

Power Supply/Chargers

Specifications

Input

Voltage	220VAC (working range 198VAC - 256VAC), 50/60Hz, 1.3A max.
Input Fuse	5A/250V

Outputs

Voltage	12VDC
Current	10A @ 12VDC 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
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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
AL1012X220	8.85 lb. (4.0 kg)	11.15 lb. (5.1 kg)
AL1012XPD4(CB)220	9.0 lb. (4.1 kg)	11.3 lb. (5.13 kg)
AL1012XPD8(CB)220	9.1 lb. (4.13 kg)	11.4 lb. (5.17 kg)
AL1012XPD16(CB)220	9.3 lb. (4.22 kg)	11.6 lb. (5.26 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%

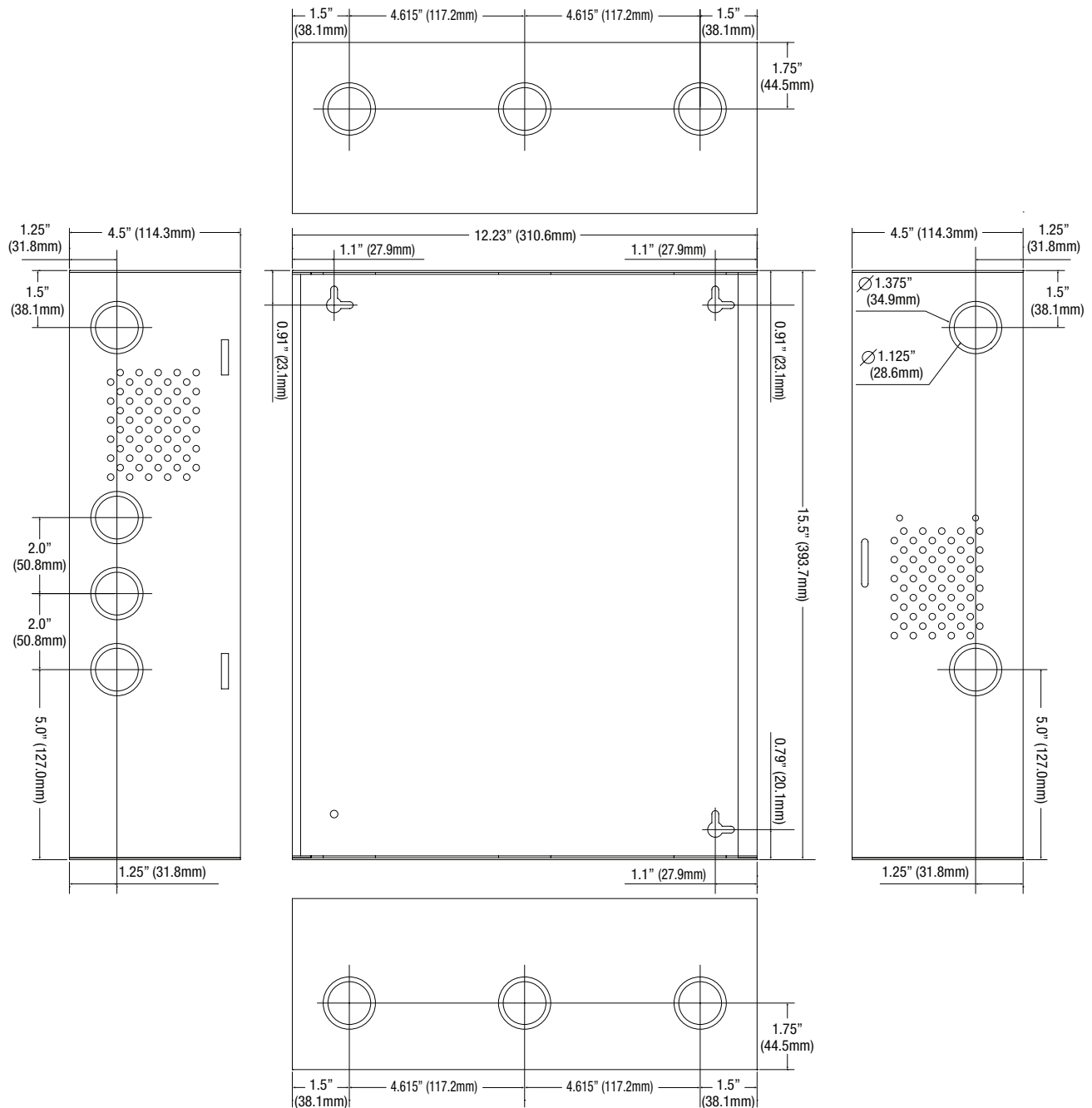
BTU/Hr. (approx.): 61 BTU/Hr.

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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)



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