

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.



AL1012XPD4CB220

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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Specifications

Input

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

Outputs

Voltage 12VDC
Current 10A @ 12VDC continuous max.
Protection Fused 3.5A / PTC 2.5A
Other Overvoltage protection
Filtered and regulated

Back-up Battery *(not included)*

Capacity 12AH / 12VDC (1 within enclosure)
40 AH / 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)
15.5" x 12" x 4.5" (393.7mm x 304.8mm x 114.3mm)

Product Weight / Shipping (approx.)

Model	Product Weight	Shipping Weight
AL1012X220	8.85 lbs. (4.0 kg)	11.15 lbs. (5.1 kg)
AL1012XPD4(CB)220	9.0 lbs. (4.1 kg)	11.3 lbs. (5.13 kg)
AL1012XPD8(CB)220	9.1 lbs. (4.13 kg)	11.4 lbs. (5.17 kg)
AL1012XPD16(CB)220	9.3 lbs. (4.22 kg)	11.6 lbs. (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.

Lifetime Warranty