A1 SECURITY CAMERAS
The First Name in Security

Altronix®

AL1012X220 Series
Power Supply/Chargers

AL1012XPD4CB220

Description

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.

Key Features

- Available with 1, 4, 8 or 16 outputs
- Fused or PTC ptotected 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 / Made in the U.S.A.

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

Rev. AL1012X220-06092017

Available from A1 Security Cameras
www.a1securitycameras.com email: sales@a1securitycameras.com

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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	0ºC to 49ºC (32ºF to 120ºF).
Storage	-20ºC to 70ºC (-4ºF to 158ºF).
Relative Humidity	85% +/-5%.
BTU/Hr. (approx.):	61 BTU/Hr.

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