A1 SECURITY CAMERAS
The First Name in Security

Altronix®

SMP10C12X220 Series
Power Supply/Chargers

SMP10PM12P4220

Description

Altronix SMP10C12X220 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 12VDC with a total of 10A max.

Key Features

- Available with 1, 4, 8 or 16 outputs.
- Fused or PTC ptotected outputs.
- Supervision (where applicable, see Chart below):
  - AC Fail
  - Battery Fail and Low Battery.
- Built-in charger for sealed lead acid or gel type batteries.
- Instantaneous transfer to stand-by batteries.
- Short circuit and overload protection.
- Power On/Off switch.
- Lifetime Warranty / Made in the U.S.A.

SMP10C12X220 Series Power Supply Configuration Reference Chart

Altronix Model Number	Accessory Power Distribution Module(s)	Number of Outputs	Fused Outputs	PTC Outputs (auto-resettable)	Individual Output Rating (A)	Supervised	220VAC 50/60Hz Input Current (A)	12VDC Total Output Current (A)	Accommodates Batteries
SMP10C12X220	—	1	—	—	10A	—	0.8A	10A	Two (2) 7AH
SMP10C12XX220			—	—					Two (2) 12AH
SMP10PMC12X220			—	—		✓			Two (2) 7AH
SMP10PMC12XX220			—	—					Two (2) 12AH
SMP10PM12P4220	PD4	4	✓	—	3.5A				Two (2) 7AH
SMP10PM12P4CB220	PD4CB		—	✓	2.5A				Two (2) 7AH
SMP10PM12P8220	PD8	8	✓	—	3.5A				Two (2) 7AH
SMP10PM12P8CB220	PD8CB		—	✓	2.5A				Two (2) 7AH
SMP10PM12P16220	PD16W	16	✓	—	3.5A				Two (2) 7AH
SMP10PM12P16CB220	PD16WCB		—	✓	2.5A				Two (2) 7AH

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.

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	7AH / 12VDC (1 within enclosure). 12AH / 12VDC (requires larger "X" enclosure). 40 AH / 65 AH (requires separate enclosure).
Type	Sealed lead acid or gel type.
Failover	Upon AC loss, instantaneous.

Supervision *(where applicable)*

AC Failure	Form "C" contacts.
Battery Low/Fail	Form "C" contacts.

Indicators (LED)

Input	220VAC is present.
DC Output	Powered.

Physical and Environmental

Dimensions (H x W x D)

SMP10C12X220, SMP10PMC12X220, SMP10PM12P4(CB)220, SMP10PM12P8(CB)220, SMP10PM12P16(CB)220:
13.5" x 13" x 3.25" (342.9mm x 330.2mm x 82.55mm).

SMP10C12XX220, SMP10PMC12XX220:
15.5" x 12" x 4.5" (393.7mm x 304.8mm x 114.3mm).

Product Weight / Shipping (approx.)

Model	Product Weight	Shipping Weight
SMP10(PM)C12X220	8.3 lbs. (3.76 kg)	9.3 lbs. (4.22 kg)
SMP10(PM)C12XX220	9.4 lbs. (4.26 kg)	10.7 lbs. (4.85 kg)
SMP10PM12P4(CB)220	8.5 lbs. (3.85 kg)	9.5 lbs (4.31 kg)
SMP10PM12P8(CB)220	8.6 lbs. (3.90 kg)	9.6 lbs (4.35 kg)
SMP10PM12P16(CB)220	8.8 lbs. (3.99 kg)	9.8 lbs. (4.44 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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Available from A1 Security Cameras
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