

SMP10C12X220 Series Power Supply/Chargers

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 protected 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

SMP10C12X220 Series Power Supply/Chargers



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 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.