

SMP10C12X Series Power Supply/Chargers

Description

Altronix SMP10C12X series power supply/chargers convert a 115VAC, 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.



SMP10PM12P4

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.

SMP10C12X 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	115VAC 50/60Hz Input Current (A)	12VDC Total Output Current (A)	Accommodates Batteries
SMP10C12X	-	1	—	—	10A	—	1.45A	10A	Two (2) 7AH
SMP10C12XX			—	—					Two (2) 12AH
SMP10PMC12X			—	—					Two (2) 7AH
SMP10PMC12XX			—	—					Two (2) 12AH
SMP10PM12P4	PD4	4	✓	—	3.5A	✓	1.45A	10A	Two (2) 7AH
SMP10PM12P4CB	PD4CB		—	✓	2.5A				Two (2) 7AH
SMP10PM12P8	PD8	8	✓	—	3.5A	✓	1.45A	10A	Two (2) 7AH
SMP10PM12P8CB	PD8CB		—	✓	2.5A				Two (2) 7AH
SMP10PM12P16	PD16W	16	✓	—	3.5A	✓	1.45A	10A	Two (2) 7AH
SMP10PM12P16CB	PD16WCB		—	✓	2.5A				Two (2) 7AH

SMP1012X Series

Power Supply/Chargers



Specifications

Input

Voltage 115VAC, 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 115VAC is present.
 DC Output Powered.

Physical and Environmental

Dimensions (H x W x D)

SMP10C12X, SMP10PMC12X, SMP10PM12P4(CB),
 SMP10PM12P8(CB), SMP10PM12P16(CB):
 13.5" x 13" x 3.25" (342.9mm x 330.2mm x 82.55mm).
 SMP10C12XX, SMP10PMC12XX:
 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)C12X	8.3 lbs. (3.76 kg)	9.3 lbs. (4.22 kg)
SMP10(PM)C12XX	9.4 lbs. (4.26 kg)	10.7 lbs. (4.85 kg)
SMP10PM12P4(CB)	8.5 lbs. (3.85 kg)	9.5 lbs. (4.31 kg)
SMP10PM12P8(CB)	8.6 lbs. (3.90 kg)	9.6 lbs. (4.35 kg)
SMP10PM12P16(CB)	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.