Altronix®

SMP10C12X Series

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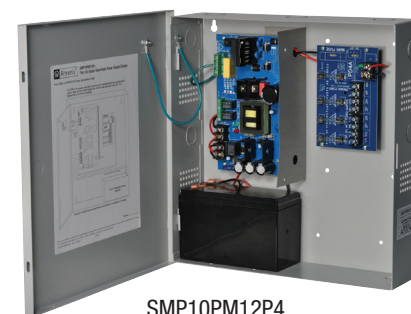
Power Supply/Chargers

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 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

- AC input and DC output LEDs

- Power On/Off switch

- Lifetime Warranty

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				Two (2) 7AH
SMP10PM12P4CB	PD4CB		–	✓	2.5A				Two (2) 7AH
SMP10PM12P8	PD8	8	✓	–	3.5A				Two (2) 7AH
SMP10PM12P8CB	PD8CB		–	✓	2.5A				Two (2) 7AH
SMP10PM12P16	PD16W	16	✓	–	3.5A				Two (2) 7AH
SMP10PM12P16CB	PD16WCB		–	✓	2.5A				Two (2) 7AH

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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 lb. (3.76 kg)	9.3 lb. (4.22 kg)
SMP10(PM)C12XX	9.4 lb. (4.26 kg)	10.7 lb. (4.85 kg)
SMP10PM12P4(CB)	8.5 lb. (3.85 kg)	9.5 lb. (4.31 kg)
SMP10PM12P8(CB)	8.6 lb. (3.90 kg)	9.6 lb. (4.35 kg)
SMP10PM12P16(CB)	8.8 lb. (3.99 kg)	9.8 lb. (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.