

SMP5CTX Series

Power Supply/Chargers

Description

Altronix SMP5CTX series power supply/chargers convert a 115VAC/230VAC, 50/60Hz input into a single, four (4), eight (8) or sixteen (16) fuse/PTC protected outputs. Outputs are selectable for 12VDC or 24VDC with a total of 4A max.



SMP5PMP8

Key Features

- Available with 1, 4, 8 or 16 outputs.
- Fused or PTC protected outputs.
- Supervision (where applicable, see Chart below):
 - AC Fail
 - 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 options.
- CE European Conformity.
- Lifetime Warranty / Made in the U.S.A.

SMP5CTX series Power Supply Configuration Reference Chart

Altronix Model Number	Accessory Power Distribution Module(s)	Number of Outputs	Fused Outputs	PTC Outputs	Individual Output Rating (A)	Supervised	115VAC/230VAC Input Current (A)	12/24VDC Total Output Current (A)	Accommodates Batteries		
SMP5CTX	-	1	-	-	4A	-	0.95A / 0.5A	4A	Two (2) 7AH		
SMP5PMCTX						Two (2) 7AH					
SMP5PMCTXX						Two (2) 12AH					
SMP5PMP4	PD4	4	✓	-	3.5A	✓			0.95A / 0.5A	4A	Two (2) 7AH
SMP5PMP4CB	PD4CB		-	✓	2.5A						Two (2) 7AH
SMP5PMP8	PD8	8	✓	-	3.5A						Two (2) 7AH
SMP5PMP8CB	PD8CB		-	✓	2.5A						Two (2) 7AH
SMP5PMP16	PD16W	16	✓	-	3.5A						Two (2) 7AH
SMP5PMP16CB	PD16WCB		-	✓	2.5A						Two (2) 7AH

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Specifications

Input

Voltage 115VAC/230VAC, 50/60Hz.

Outputs

Voltage 12VDC or 24VDC selectable.
 Current 4A @ 12VDC or 24VDC continuous max.
 Protection Fused 3.5A / PTC 2.5A.
 Other Overvoltage protection.
 Filtered and regulated.

Back-up Battery *(not included)*

Capacity 7AH / 12VDC (1 or 2 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.
 Low Battery Form "C" contacts.

Indicators (LED)

Input 115VAC/230VAC is present.
 DC Output Powered.

Agency Listings

CE European Conformity.

Physical and Environmental

Dimensions (H x W x D)

SMP5CTX, SMP5PMCTX, SMP5PMP4(CB),
 SMP5PMP8(CB), SMP5PMP16(CB):
 13.5" x 13" x 3.25" (342.9mm x 330.2mm x 82.55mm).
 SMP5PMCTXX:
 15.5" x 12" x 4.5" (393.7mm x 304.8mm x 114.3mm).

Product Weight / Shipping (approx.)

Model	Product Weight	Shipping Weight
SMP5(PM)CTX	8.2 lbs. (3.72 kg)	9.2 lbs. (4.18 kg)
SMP5PMCTXX	9.3 lbs. (4.22 kg)	10.6 lbs. (4.81 kg)
SMP5PMP4(CB)	8.4 lbs. (3.81 kg)	9.4 lbs (4.26 kg)
SMP5PMP8(CB)	8.5 lbs. (3.86 kg)	9.5 lbs (4.31 kg)
SMP5PMP16(CB)	8.7 lbs. (3.95 kg)	9.7 lbs. (4.40 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.):

12VDC: 25 BTU/Hr.
 24VDC: 49 BTU/Hr.