

SMP3CTX Series

Power Supply/Chargers

Description

Altronix SMP3CTX 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 2.5A max.



SMP3PMP4CB

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.

SMP3CTX 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)	12VDC/24VDC Total Output Current (A)	Accommodates Batteries
SMP3CTX	—	1	—	—	2.5A	—	0.65A/0.35A	2.5A	Two (2) 7AH
SMP3PMCTX						—			Two (2) 7AH
SMP3PMCTXX						—			Two (2) 12AH
SMP3PMP4	PD4	4	✓	—	2.5A	✓			Two (2) 7AH
SMP3PMP4CB	PD4CB		—	✓	2.5A	Two (2) 7AH			
SMP3PMP8	PD8	8	✓	—	2.5A	✓			Two (2) 7AH
SMP3PMP8CB	PD8CB		—	✓	2.5A	Two (2) 7AH			
SMP3PMP16	PD16W	16	✓	—	2.5A	✓			Two (2) 7AH
SMP3PMP16CB	PD16WCB		—	✓	2.5A	Two (2) 7AH			

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Specifications

Input

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

Outputs

Voltage 12VDC or 24VDC selectable.
 Current 2.5A @ 12VDC or 24VDC continuous max.
 Protection Fused 2.5A / 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.
 Charging current 0.5A.
 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)

SMP3CTX, SMP3PMCTX, SMP3PMP4(CB),
 SMP3PMP8(CB), SMP3PMP16(CB):
 13.5" x 13" x 3.25" (342.9mm x 330.2mm x 82.55mm).
 SMP3PMCTXX:
 15.5" x 12" x 4.5" (393.7mm x 304.8mm x 114.3mm).

Product Weight / Shipping (approx.)

Model	Product Weight	Shipping Weight
SMP3(PM)CTX	6.9 lbs. (3.72 kg)	7.9 lbs. (4.18 kg)
SMP3PMCTXX	9.3 lbs. (4.22 kg)	10.6 lbs. (4.81 kg)
SMP3PMP4(CB)	8.4 lbs. (3.81 kg)	9.4 lbs. (4.26 kg)
SMP3PMP8(CB)	8.5 lbs. (3.86 kg)	9.5 lbs. (4.31 kg)
SMP3PMP16(CB)	8.7 lbs. (3.95 kg)	9.7 lbs. (4.40 kg)

Temperature

Operating 0 to 49° C (32 to 120° F).
 Storage -20 to 70° C (-4 to 158° F).
 Relative Humidity 85% +/-5%.

BTU/Hr:

12VDC: 15.35 BTU/Hr.
 24VDC: 30.71 BTU/Hr.