

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	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			

SMP5CTX Series

Power Supply/Chargers



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
 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)

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

BTU/Hr:

12VDC: 24.57 BTU/Hr.
 24VDC: 49.13 BTU/Hr.