

SMP7CTX Series Power Supply/Chargers

Description

Altronix SMP7CTX 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 selectable for 12VDC or 24VDC with a total of 6A max.



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
- AC input and DC output options
- Power On/Off switch
- Lifetime Warranty / Made in the U.S.A.

SMP7CTX 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, 60Hz Input Current (A)	12/24VDC Total Output Current (A)	Accommodates Batteries
SMP7CTX	-	1	-	-	6A	-	2.5A	6A	Two (2) 7AH
SMP7PMCTX	-		-	-		Two (2) 7AH			
SMP7PMCTXX	-		-	-		Two (2) 12AH			
SMP7PMP4	PD4	4	✓	-	3.5A	✓			Two (2) 7AH
SMP7PMP4CB	PD4CB		-	✓	2.5A				Two (2) 7AH
SMP7PMP8	PD8	8	✓	-	3.5A				Two (2) 7AH
SMP7PMP8CB	PD8CB		-	✓	2.5A				Two (2) 7AH
SMP7PMP16	PD16W	16	✓	-	3.5A				Two (2) 7AH
SMP7PMP16CB	PD16WCB		-	✓	2.5A				Two (2) 7AH

SMP7CTX Series

Power Supply/Chargers



Specifications

Input

Voltage 115VAC, 50/60Hz.

Outputs

Voltage 12VDC or 24VDC selectable.
 Current 6A @ 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 0.7A.
 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)

SMP7CTX, SMP7PMCTX, SMP7PMP4(CB),
 SMP7PMP8(CB), SMP7PMP16(CB):
 13.5" x 13" x 3.25" (342.9mm x 330.2mm x 82.55mm).
 SMP7PMCTXX:
 15.5" x 12" x 4.5" (393.7mm x 304.8mm x 114.3mm).

Product Weight / Shipping (approx.)

Model	Product Weight	Shipping Weight
SMP7(PM)CTX	8.3 lbs. (3.76 kg)	9.3 lbs. (4.22 kg)
SMP7PMCTXX	9.4 lbs. (4.26 kg)	10.7 lbs. (4.85 kg)
SMP7PMP4(CB)	8.5 lbs. (3.85 kg)	9.5 lbs (4.31 kg)
SMP7PMP8(CB)	8.6 lbs. (3.90 kg)	9.6 lbs (4.35 kg)
SMP7PMP16(CB)	8.8 lbs. (3.99 kg)	9.8 lbs. (4.44 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: 36.85 BTU/Hr.
 24VDC: 73.70 BTU/Hr.