

## SMP10C12X Series Power Supply/Chargers

### Description

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 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.
- Power On/Off switch.
- Lifetime Warranty / Made in the U.S.A.

### 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		

## SMP1012X Series

### Power Supply/Chargers

#### 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 lbs. (3.76 kg)	9.3 lbs. (4.22 kg)
SMP10(PM)C12XX	9.4 lbs. (4.26 kg)	10.7 lbs. (4.85 kg)
SMP10PM12P4(CB)	8.5 lbs. (3.85 kg)	9.5 lbs (4.31 kg)
SMP10PM12P8(CB)	8.6 lbs. (3.90 kg)	9.6 lbs (4.35 kg)
SMP10PM12P16(CB)	8.8 lbs. (3.99 kg)	9.8 lbs. (4.44 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.): 61 BTU/Hr.