

## 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<br>Model Number | Accessory<br>Power<br>Distribution<br>Module(s) | Number<br>of<br>Outputs | Fused<br>Outputs | PTC<br>Outputs<br>(auto-<br>resettable) | Individual<br>Output<br>Rating (A) | Supervised   | 115VAC, 60Hz<br>Input<br>Current (A) | 12/24VDC<br>Total Output<br>Current (A) | Accommodates<br>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.  
 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°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: 37 BTU/Hr.  
 24VDC: 74 BTU/Hr.