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.

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

<table>
<thead>
<tr>
<th>Altronix Model Number</th>
<th>Accessory Power Distribution Module(s)</th>
<th>Number of Outputs</th>
<th>Fused Outputs</th>
<th>PTC Outputs (auto-resettable)</th>
<th>Individual Output Rating (A)</th>
<th>Supervised</th>
<th>115VAC/230VAC Input Current (A)</th>
<th>12VDC/24VDC Total Output Current (A)</th>
<th>Accommodates Batteries</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMP3CTX</td>
<td>—</td>
<td>1</td>
<td>—</td>
<td>—</td>
<td>2.5A</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Two (2) 7AH</td>
</tr>
<tr>
<td>SMP3PMCTX</td>
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<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Two (2) 7AH</td>
</tr>
<tr>
<td>SMP3PMCTX</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Two (2) 12AH</td>
</tr>
<tr>
<td>SMP3PMP4</td>
<td>PD4</td>
<td>4</td>
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<td>—</td>
<td>2.5A</td>
<td>✓</td>
<td>0.65A/0.35A</td>
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<td>Two (2) 7AH</td>
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<tr>
<td>SMP3PMP4CB</td>
<td>PD4CB</td>
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<td></td>
<td>Two (2) 7AH</td>
</tr>
<tr>
<td>SMP3PMP8</td>
<td>PD8</td>
<td>8</td>
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<td>Two (2) 7AH</td>
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<td>SMP3PMP8CB</td>
<td>PD8CB</td>
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<tr>
<td>SMP3PMP16</td>
<td>PD16W</td>
<td>16</td>
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<td>Two (2) 7AH</td>
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<tr>
<td>SMP3PMP16CB</td>
<td>PD16WCB</td>
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<td>—</td>
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<td>2.5A</td>
<td></td>
<td></td>
<td></td>
<td>Two (2) 7AH</td>
</tr>
</tbody>
</table>
## 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.
- **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).
- SMP3PMCTX:
  15.5” x 12” x 4.5” (393.7mm x 304.8mm x 114.3mm).

#### Product Weight / Shipping (approx.)

<table>
<thead>
<tr>
<th>Model</th>
<th>Product Weight</th>
<th>Shipping Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMP3(PM)CTX</td>
<td>6.9 lbs. (3.72 kg)</td>
<td>7.9 lbs. (4.18 kg)</td>
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<tr>
<td>SMP3PMCTX</td>
<td>9.3 lbs. (4.22 kg)</td>
<td>10.6 lbs. (4.81 kg)</td>
</tr>
<tr>
<td>SMP3PMP4(CB)</td>
<td>8.4 lbs. (3.81 kg)</td>
<td>9.4 lbs (4.26 kg)</td>
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<tr>
<td>SMP3PMP8(CB)</td>
<td>8.5 lbs. (3.86 kg)</td>
<td>9.5 lbs (4.31 kg)</td>
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<tr>
<td>SMP3PMP16(CB)</td>
<td>8.7 lbs. (3.95 kg)</td>
<td>9.7 lbs. (4.40 kg)</td>
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</tbody>
</table>

#### 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: 15 BTU/Hr.
- 24VDC: 31 BTU/Hr.