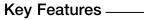


SMP10PM12P4

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.



- Available with 1, 4, 8 or 16 outputs.
- Fused or PTC ptotected 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 | | | | | 1.45A | 10A | Two (2) 7AH |
| SMP10C12XX | - | | | | 10A | | | | Two (2) 12AH |
| SMP10PMC12X | | | | | | ✓ - | | | Two (2) 7AH |
| SMP10PMC12XX | | | | | | | | | Two (2) 12AH |
| SMP10PM12P4 | PD4 | 4 | \checkmark | | 3.5A | | | | Two (2) 7AH |
| SMP10PM12P4CB | PD4CB | | | \checkmark | 2.5A | | | | Two (2) 7AH |
| SMP10PM12P8 | PD8 | 8 | \checkmark | | 3.5A | | | | Two (2) 7AH |
| SMP10PM12P8CB | PD8CB | | | \checkmark | 2.5A | | | | Two (2) 7AH |
| SMP10PM12P16 | PD16W | 16 | \checkmark | | 3.5A | | | | Two (2) 7AH |
| SMP10PM12P16CB | PD16WCB | | | \checkmark | 2.5A | | | | Two (2) 7AH |

SMP1012X Series Power Supply/Chargers



| Input | | Physical and Environmental | | | | | | |
|--------------------------------|---|--|--------------------------------|-------------------------|--|--|--|--|
| Voltage | Voltage 115VAC, 50/60Hz. | | Dimensions (H x W x D) | | | | | |
| - | | SMP10C12X, SMP10PMC12X, SMP10PM12P4(CB), | | | | | | |
| Outputs | | SMP10PM12P8(CB), SMP10PM12P16(CB): | | | | | | |
| Voltage 12VDC. | | 13.5" x 13" x 3.25" (342.9mm x 330.2mm x 82.55mm). | | | | | | |
| Current | 10A @ 12VDC continuous max. | SMP10C12XX, SMP10PMC12XX: | | | | | | |
| Protection | Fused 3.5A / PTC 2.5A. | 15.5" x 12" x 4.5" (393.7mm x 304.8mm x 114.3mm). | | | | | | |
| Other | Overvoltage protection | Product Weight / Shipping (approx.) | | | | | | |
| | Filtered and regulated. | Model | Product Weight | Shipping Weight | | | | |
| | C C | SMP10(PM)C12X | 8.3 lbs. (3.76 kg) | 9.3 lbs. (4.22 kg) | | | | |
| Back-up Battery (not included) | | SMP10(PM)C12XX | 9.4 lbs. (4.26 kg) | 10.7 lbs. (4.85 kg) | | | | |
| Capacity | 7AH / 12VDC (1 within enclosure). | SMP10PM12P4(CB) | 8.5 lbs. (3.85 kg) | 9.5 lbs (4.31 kg) | | | | |
| i y | 12AH / 12VDC (requires larger "X" enclosure). | SMP10PM12P8(CB) | 8.6 lbs. (3.90 kg) | 9.6 lbs (4.35 kg) | | | | |
| | 40 AH / 65 AH (requires separate enclosure). | SMP10PM12P16(CB) | 8.8 lbs. (3.99 kg) | 9.8 lbs. (4.44 kg) | | | | |
| Туре | Sealed lead acid or gel type. | Temperature | | | | | | |
| Failover | Upon AC loss, instantaneous. | Operating | 0°C to 49°C (32°F | ⁼ to 120⁰F). | | | | |
| | | | -20°C to 70°C (-4°F to 158°F). | | | | | |
| Supervision (where applicable) | | Relative Humidity | | | | | | |
| AC Failure | Form "C" contacts. | BTU/Hr (approx.): | | | | | | |
| Battery Low/Fail | Form "C" contacts. | | 0.1.2.10,1.1.1 | | | | | |
| Indicators (LED) | | | | | | | | |
| Input | 115VAC is present. | | | | | | | |
| DC Output | Powered. | | | | | | | |