



# Altronix®

## SMP10PM Supervised Power Supply/Charger

Rev. DSSMP10PM\_09172015



SMP10PM

### Overview

SMP10PM supervised power supply/charger converts a low voltage AC input into a 12VDC or 24VDC output. This unit has a wide range of applications for access control, security, and CCTV system accessories that require additional power.

### Specifications

#### Input:

- Input 28VAC.

#### Output:

- 12VDC or 24VDC selectable output.
- 10 amp supply current.
- Filtered and electronically regulated outputs.
- Short circuit and thermal overload protection.

#### Battery Backup:

- Built-in charger for sealed lead acid or gel type batteries.
- Maximum charge current 0.7 amp.
- Zero voltage drop when switching over to battery backup.

#### Supervision:

- AC fail supervision (form "C" contacts).

#### Supervision (cont'd):

- Battery presence and low battery supervision (form "C" contacts).

#### Visual Indicators:

- AC input and DC output LED indicators.

#### Electrical:

- Operating temperature: 0° C to 49° C ambient.
- BTU/Hr.:
  - 12VDC: 61.42 BTU/Hr.
  - 24VDC: 122.84 BTU/Hr.
- System AC input VA requirement: 345VA.

#### Mechanical:

- Product weight (approx.): 1.0 lbs. (0.45 kg).
- Shipping weight (approx.): 1.1 lbs. (0.49 kg).

### Board Dimensions (W x L x H approximate):

4.25" x 7" x 2.125" (108mm x 177.8mm x 54mm)

