



# ALARM SAF

## CPS100 POWER SUPPLY/CHARGER



12/24 VDC, 10 amp switching power supply for access control and security systems integration. Features include field selectable voltage, Form "C" relay fault reporting, visual fault indication and an additional output for Fire Alarm Interface (FAI). Systems integration applications include system power, door strikes, mag locks, card readers and fire alarm interface for emergency exit.

### FEATURES AND SPECIFICATIONS

#### Features

- Visual fault indication
- Relay Fault Output
- Switching technology
- Controlled current battery charging
- Additional output for Fire Alarm Interface (FAI)
- Short circuit protection
- Thermal protection
- Reverse polarity protection (PTC)
- Limited Lifetime warranty

#### Specifications

- Input voltage: 120 VAC
- Input current: 4.1 Amp
- Output voltage: 12/24 VDC, Field selectable
- Output current rating: 10 amps continuous
  - 1 Standard uncontrolled output
  - 1 Fire Alarm Interface controlled output
- Ripple: < 0.240VAC p-p
- Operating Temperature : 0 °C to 50 °C
- Humidity : 85% @ 30 °C
- Maximum Battery Capacity : 17 AH
- Electronically regulated and filtered output
- Visual fault indicators :
  - AC presence: Green LED
  - DC presence: Red LED
- Fault Reporting:
  - AC Loss
  - Low Battery
  - High/Low DC

### APPLICATONS

- Fire Alarm Interface for emergency exit
- System power
- Door strikes
- Mag locks
- Card Readers
- Proximity readers

### MECHANICAL

#### Board Dimensions

- 4.75"W x 6.25"L

#### Cabinet Dimensions/Weight

- CPS100C - 11"W x 15" x 4"H • 15 lbs

### ORDER INFORMATION

Order Number	Model Number	Description
00866	CPS100	12/24V Field Selectable, 10 Amps, Board
00867	CPS100C	12/24V Field Selectable, 10 Amps, Key Lockable Cabinet