



CPS20 POWER SUPPLY/CHARGER



12/24 VDC, 2.5 amp switching power supply for access control and security systems integration. Features include field selectable voltage, power limited output, 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
- Class 2, power limited
- 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: 1 Amp
- Output voltage: 12/24 VDC, Field selectable
- Output current rating: 2.5 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 : 7 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

APPLICATIONS

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

MECHANICAL

Board Dimensions

- 4.25" W x 5.75"L

Cabinet Dimensions/Weight

- CPS20C - 8" W x 7"L x 3.50"H • 7 lbs
- CPS20C-7 - 12"W x 12" x 4"H • 11 lbs

ORDER INFORMATION

Order Number	Model Number	Description
00857	CPS20	12/24V Field Selectable,2.5 Amps, Board
00858	CPS20C	12/24V Field Selectable,2.5 Amps, Key Lockable Cabinet
00859	CPS20C-7	12/24V Field Selectable,2.5 Amps, Large Key Lockable Cabinet