

## PS12-5 Power Supplies



## Benefits

- Effective, cost-efficient DC power supplies
- Suitable for fire, access control, and burglary system applications
- Perfect for any 12 VDC application
- Primary applications include notification appliance circuit (NAC) expansion and auxiliary power to support burglary and access control accessories

## Features

- Regulated and filtered power system
- Power-indicating LEDs
- Built-in overload protection
- Battery backup/charging circuit
- 5 Amp output
- 12 VDC power supplies
- Battery cutoff to prevent deep discharge of batteries
- Rugged cold-rolled steel enclosure
- Lock-and-key mechanism for security
- Optional tamper switch
- Two independent normally closed AC power and Battery health indicator relays

# PS12-5 Power Supplies

## VISUAL INDICATORS

Each power supply provides a green AC power LED and a red DC LED for a visual indication of the power supply input and output voltage status.

Charging circuit for a battery backup included with each power supply.

## TRANSIENT PROTECTION

AC input and DC output circuits include metal oxide varistors (MOVs) for transient protection.

## MONITOR AC INPUT

The power supplies monitor the AC input voltage for power failure or ‘brownout’ conditions. During AC power failure, current is supplied by the backup battery until AC power is restored.

## BATTERY CUTOFF RELAY

The battery cutoff relay is included to prevent deep-discharge of the battery which helps reduce the risk of damage to the battery or to the power supply.

## ENCLOSURE FEATURES

The power supplies are mounted and stabilized in rugged enclosures for protection from the elements. Each enclosure includes a lock and key and provides space to include a backup battery. Optional tamper switches may be mounted in the enclosures to monitor door tampering.

## AC AND BATTERY RELAY STATUS

Relays are 8 Amp form C with the contacts rated at 28 VDC. When an AC trouble or battery trouble occurs, the relay contacts switch from the NC (normally closed) to the NO (normally open) position. When connected to a panel, a trouble sounds.

## ACCESSORIES

- ▶ 865 Notification Module
- ▶ 866 Notification Module
- ▶ 867 Notification Module
- ▶ 307 Clip-on Tamper Switch
- ▶ 307-S Screw-on Tamper Switch
- ▶ 3012 Clip-on Tamper Switch
- ▶ Sealed lead-acid rechargeable batteries

## SPECIFICATIONS

Voltage/Current Input	120 VAC at 1.5 Amps
Voltage/Current Output	12 VDC at 5 Amps max.

Secondary (Battery) Power	
Charge Current	3.69 Amps max.

Only use sealed lead-acid rechargeable batteries.

## ENCLOSURE

Material	20-gauge, cold-rolled steel
Colors	Gray (G) or Red (R)
Dimensions	12.25" H x 12.5" W x 3.5" D

## ORDERING INFORMATION

PS12-5-G
PS12-5-R
PS12-UPGRADE (PS12-Upgrade allows you to easily upgrade existing installations that used 505-12 power supplies.)

## PANEL COMPATIBILITY

DMP Power Supplies are compatible with all DMP panels.

## LISTINGS AND APPROVALS

FCC Part 15
Underwriters Laboratories (UL) Listed
ANSI/UL 294 Access Control System Units
Level I Destructive Attack and Line Security
Level IV Endurance and Standby Power
ANSI/UL 864 Fire Protective Signaling Systems 10th Edition
ANSI/UL 985 Household Fire Warning
ANSI/UL 2610 Central Station Burglar
CSFM
FDNY

