

# UNIVERSAL 3 AMP, 6 AMP & 8 AMP POWER SUPPLY UNITS

DESIGNED FOR A WIDE VARIETY OF  
ACCESS CONTROL APPLICATIONS



PCSC's new PS Series power supply and charger are universal power supplies for use with a variety of PCSC's access control or security-related components. These units provide top quality design and function at an economical price; their capacity to tolerate brownouts provides customers top quality electrical protection of their access control and security systems.

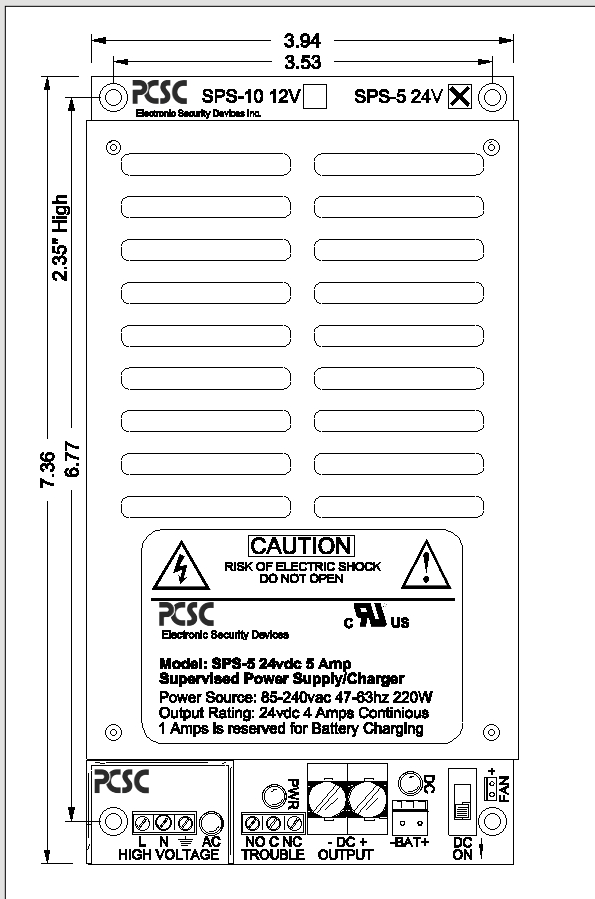
The units are listed UL294, UL 1603 and UL1481 for fire, burglar and access control usage. They are also NFPA 72 compliant and Class II rated.

## FEATURES

- Tolerates brownouts
- Fuse protection on each output
- Supervision Outputs
- AC Fail: Form C Contacts
- Efficient Off-Line Switching Power Supply
- Self Contained, No External Transformer Required

- World Wide Universal AC Input 90-250vac
- Clean Low Frequency Switching
- No Interference with Card Readers and Controls
- Precise Battery Regulation for Lead Acid Batteries
- Auto-resetting Circuit Breaker for Battery
- Over Current Protection
- LED's Indicate AC; Power Good; and DC On
- Battery Float Charges, No Drop or Switch Over with Power Fail
- Electronic Power Limited Short Circuit Protection
- Thermal Regulation Prevents Overheating
- Battery Cutoff Relay Controls Battery Service Range
- Output ON/OFF Service Switch \*
- Power Trouble Relay Indicates AC Power Fail, Low Battery (approx. 70% capacity), Output Voltage High

# SPECIFICATIONS & DRAWINGS



Low Battery  
 Detect: Form C Contacts  
 (11.0 VDC at +12V switch setting)  
 (22.0 VDC at +24V switch setting)

Agency Approval UL Listed fire, burglar and access control power supply (UL1481, UL603, UL294)

NFPA 72 compliant  
 Class II rated  
 Applicable European agencies

### PS600 6 AMP POWER SUPPLY

Input: 90 VAC - 260 VAC  
 Voltage: 115 VAC or 230 VAC  
 Frequency: 50/60 Hz

Isolated DC Output  
 +12V setting

Voltage: 10.6VDC to 13.9VDC  
 Current: 6 Amp  
 Protection: Short Circuit Protected +24V setting  
 Voltage: 21.2VDC to 28 VDC  
 Current: 3 Amp  
 Protection: Short Circuit Protected  
 NOTE: DC Output available with or without battery connection

AC Failure: Automatic switchover to battery backup  
 DC Outputs

Number: 4 DC Outputs/Return Pairs  
 Current  
 Rating: 4 Amp on Output 1  
 2 Amp on Outputs 2, 3, & 4

Protection: Fuse Protection on each output (prefer auto rest capability)

### Supervision Outputs

AC Fail: Form C Contacts  
 Low Battery  
 Detect: Form C Contacts  
 (11.0 VDC at +12V switch setting)  
 (22.0 VDC at +24V switch setting)

### PS800 6 AMP POWER SUPPLY - CALL FOR INFORMATION

### PS300 3 AMP POWER SUPPLY

Input: 90 VAC - 260 VAC  
 Voltage: 115 VAC or 230 VAC  
 Frequency: 50/60 Hz

### Isolated DC

Output Voltage: 10.6 VDC to 13.9 VDC  
 Current: 3.3A at 12VDC  
 Protection: Short Circuit Protected  
 NOTE: DC Output available with or without battery connection

### Battery Charger

Battery Type Required: Lead Acid or Gel Cell  
 AC Failure: Automatic switchover to battery backup  
 Low Battery Disconnect: 10.6 VDC at +12V switch setting  
 21.2 VDC at +24V switch setting

### DC Outputs

Number: 2 DC Outputs/Return Pairs  
 Current Rating: 3 Amp on Output 1  
 3 Amp on Output 2  
 Protection: Fuse Protection on each output (prefer auto rest capability)

### Supervision Outputs

AC Fail: Form C Contacts