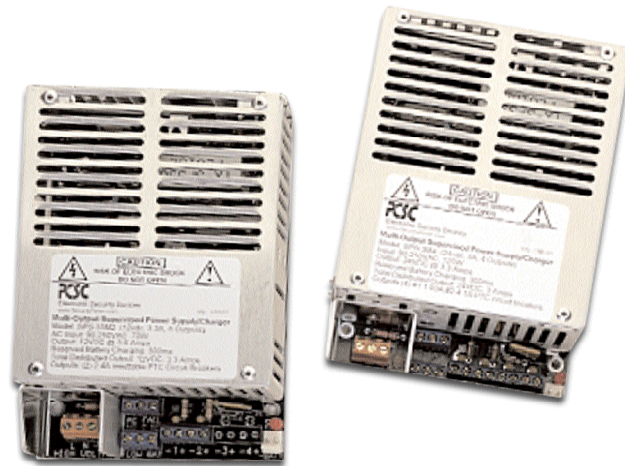


# Power Supply Units

Universal 3 Amp, 6 Amp and 8 Amp

PCSC  
PERIPHERALS



PCSC's 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.

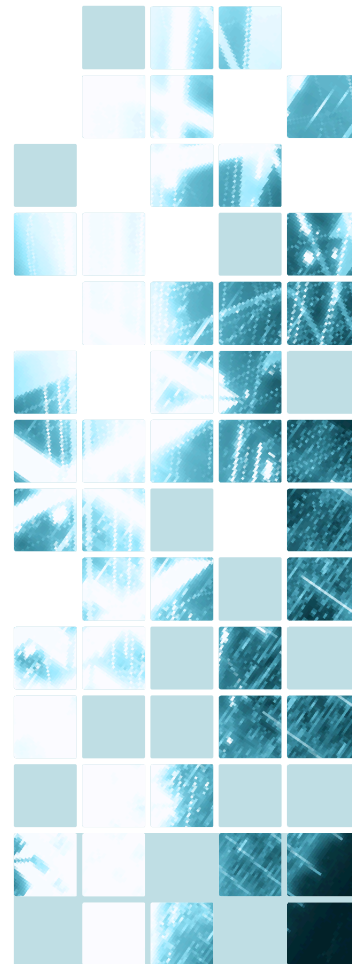
The units are listed UL294, UL 1603 and UL1481 for fire, burglar and access control usage. They are also NFPA 72 compliant and Class II rated.

## 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
- Worldwide universal AC input 90-250v VAC
- 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
- LEDs 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 (approximately 70% capacity), output voltage high

## Our Promise To You

All PCSC products are backed by our commitment for complete customer satisfaction, rapid response to your concerns and technology leadership. The product you purchase today will have the capabilities to evolve as your requirements change.



LOGICAL  
INTELLIGENT  
NETWORK  
CONTROLLERS

PCSC

# Power Supply Units

## PS300 3 Amp

Input Voltage: 90 VAC – 260 VAC,  
115 VAC or 230 VAC

Frequency: 50/60 Hz

### ISOLATED DC OUTPUT

Voltage: 10.6 VDC–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

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

Input Voltage: 90 VAC - 260 VAC  
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

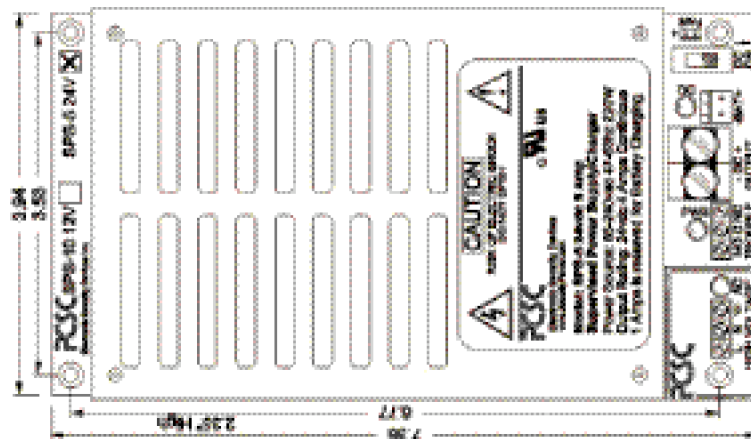
Current Rating: 4 Amp on Output 1  
2 Amp on Outputs 2,  
3, & 4

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)



POWERSUPPLY-0607