



ALARM SAF

CPS1

Installation Instructions

I. Model Numbers

Order Number	Model Number
00849	CPS1

6/12/24 VDC, 1 amp commercial power supplies for systems integration. Common access control and security system applications include powering door strikes, mag locks, card readers and other accessory devices.

II. Installation Instructions

1. Mounting

- Disconnect primary power source
- Mount board/cabinet in final location using screw locations, Snaptrack, or other preferred method.

2. Configure power supply by opening the appropriate jumper wires

Output Voltage			
	6	12	24
J1	Closed	Closed	Open
J2	Closed	Open	Open

3. Output Definitions

- 6 VDC measures approximately 6.9 VDC
- 12 VDC measures approximately 13.8 VDC
- 24 VDC measures approximately 27.6 VDC

4. Connection of primary power

For Output Voltage Of:	Use Transformer:			Required VA
	Model #	Order #	Type	
CPS1				
6V	T-12V20	00633	Plug-in	20
12V	T-16V50	00602	Plug-in	50
24V	T-24V40	00603	Plug-in	40

- Connect appropriate transformer to Low Voltage AC Input terminals of power supply
- Enable primary power to transformer

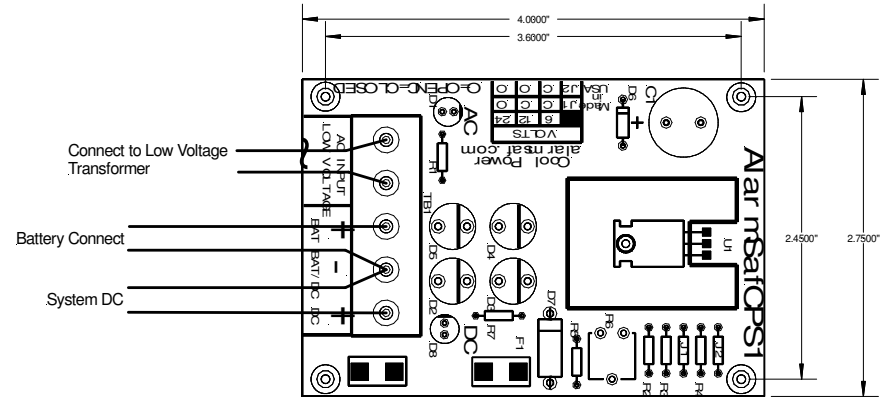
5. Verify output voltages per Par. 3

- Verify output voltage at the positive and negative System DC terminals
- Verify output voltage at the positive and negative Battery terminals

6. Visual Indicators

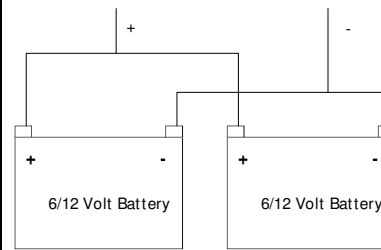
- Green LED: Low Voltage AC Presence
- Red LED: DC Output Voltage Presence

III. Mechanical/Hookup Information



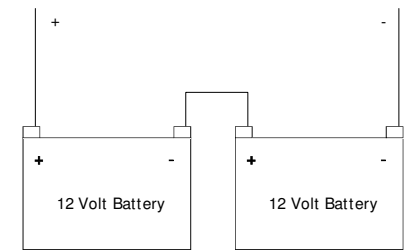
IV. Battery Configuration

- Maximum Battery Charge: 4 Ah
6/12 Volt Configuration



Parallel Hook-Up

24 Volt Configuration



Series Hook-up

V. Troubleshooting

Symptoms	Possible Cause	Correction
Green LED Not On	Loss of 120VAC Loss of Low Voltage AC	Restore 120VAC Replace transformer
Red LED Not On	Short circuit in system wiring. Defective Power Supply	Remove system load and verify Red LED is illuminated, check system wiring. Replace unit
No Battery Backup Time	Discharged or damaged battery	Recharge or replace battery