**SECURITY DOOR CONTROLS**
*801 Avenida Acaso, Camarillo, Ca. 93012*
*(805) 494-0622 • Fax: (805) 494-8861*
*www.sdcsecurity.com • E-mail: service@sdcsecurity.com*

# REGULATED POWER SUPPLY INSTALLATION INSTRUCTIONS

**MODEL 631RF/631RFA**

## COMPONENT LOCATIONS

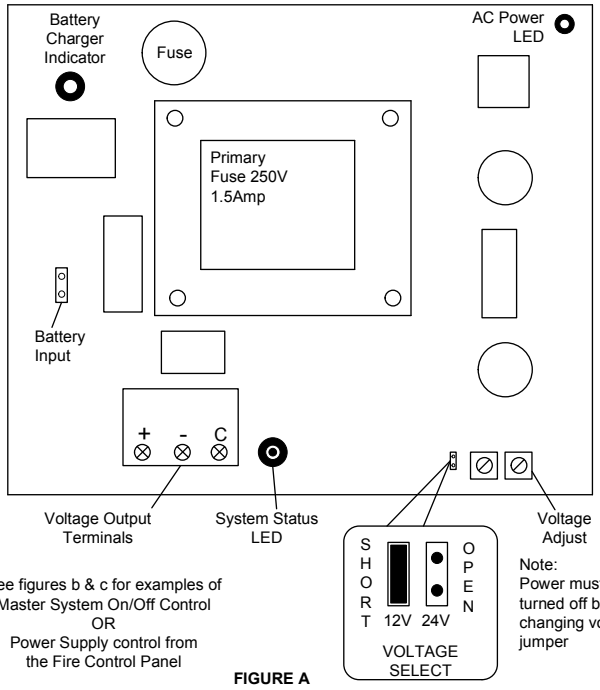



**FIGURE A**

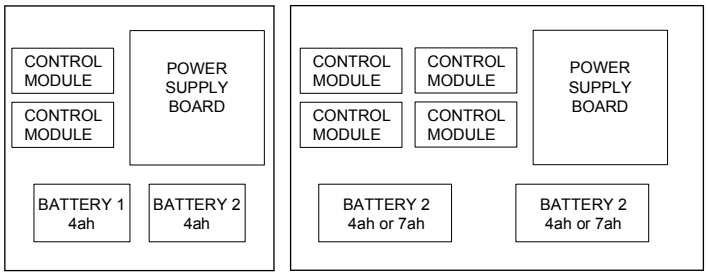



**FIGURE B**

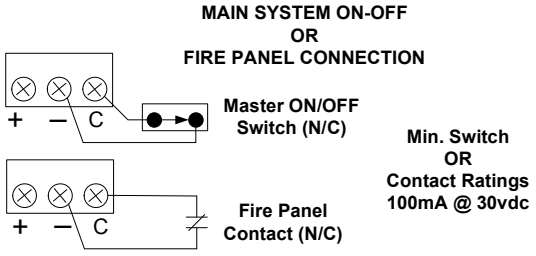



Figure C

## POWER SUPPLY SPECIFICATIONS

**Input Voltage: 115/230 VAC @ 60hz**
**Input Current: 0.8 amps Max.**

**Output Voltage: 12/24VDC (Special Applications)**
**Output Current: 1.5 amps**
**Ripple Voltage: 0.05 Volts Max**

**Battery Charger Max Current: 0.25 amps**
**Maximum recommended battery size: 7ah**
**(Replace batteries every three years)**

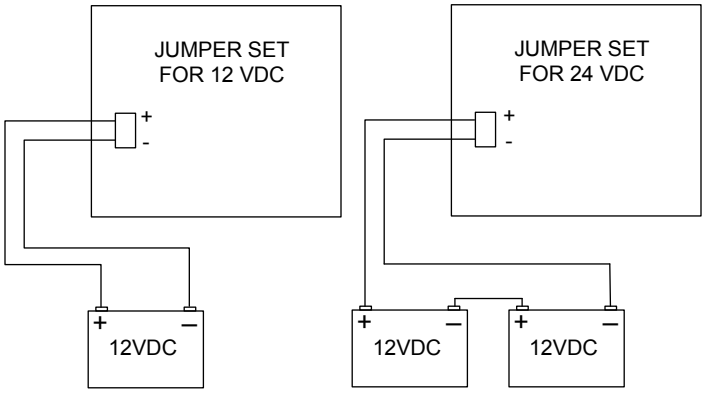
**To determine standby battery capacity, refer to Batter Discharge table (INST-BDT).**

**Compatible UL listed Fire Devices:**
**Smoke detector manufactured by ESL, Model 521B, 521BXT with Model 506 module.**

**Suitable Uses:**
**Electric Lock Power Supply**
**Access Control Power Supply**
**Burglar Alarm System Power Supply**

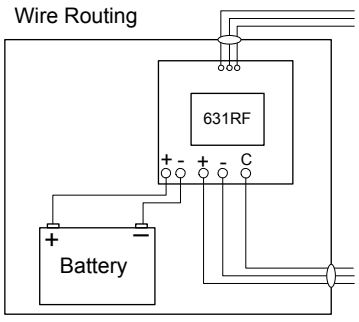
**NOT INTENDED TO POWER A LOCAL BURGLAR ALARM INDICATING DEVICE.**

**TEST UNIT YEARLY**




12 Volt mode Battery Connections

24 Volt mode Battery Connections

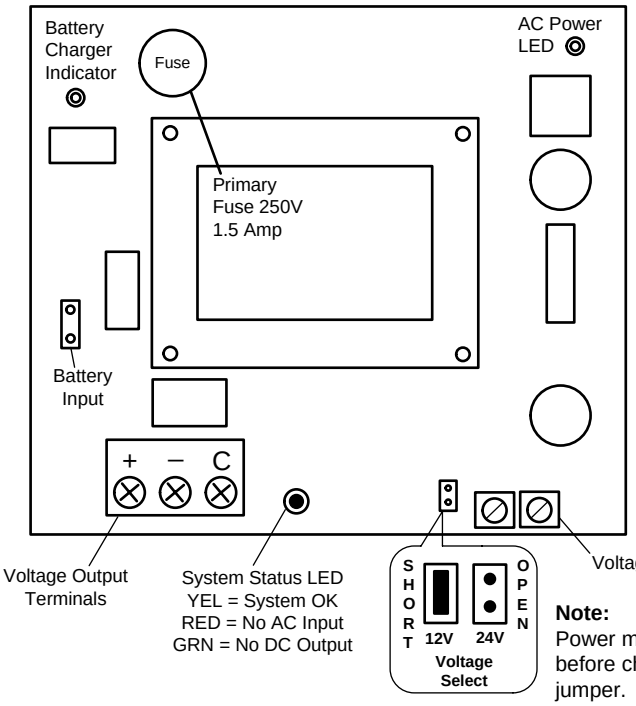


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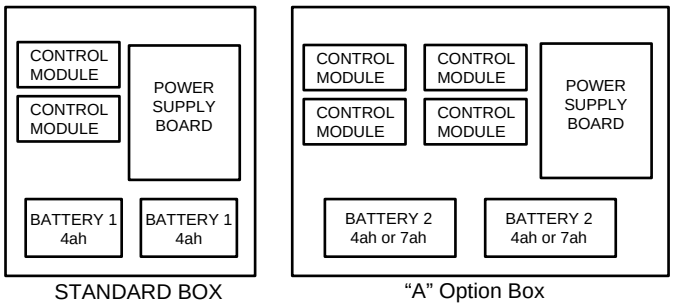
**MODEL 631RF-CUL/631RFA-CUL**

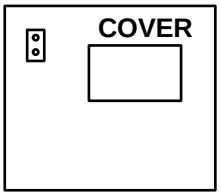
## MODEL 631RF-CUL/631RFA-CUL




**Note:**
Power must be turned off before changing voltage jumper.

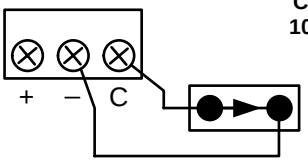
## COMPONENT LOCATIONS




**BATTERY MONITOR LEDS**
GRN = AC
RED = BATTERIES
ORG = NO/LO BATTERY

## MAIN SYSTEM ON-OFF




**Min. Switch or Contact Ratings 100mA @ 30VDC**

**Master ON/OFF Switch (N/C)**

## POWER SUPPLY SPECIFICATIONS

Input Voltage: 115/230 VAC @ 60hz
Input Current: 0.8 amps Max.

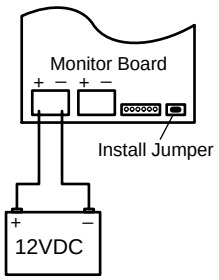
Output Voltage: 12/24VDC (Regulated)
Output Current: 1.5 amps
Ripple Voltage: 0.05 Volts Max.

Battery Charger Max. Current: 0.25 amps
Maximum recommended battery size: 7ah
Recommended Battery: SDC Model RB12V7
(Replace batteries every 3 years)

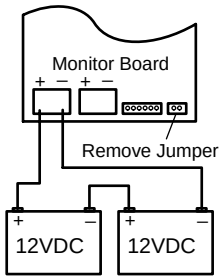
To determine standby battery capacity refer to Battery Discharge Table (INST-BDT).

Suitable Uses:
Electric Lock Power Supply
Access Control Power Supply

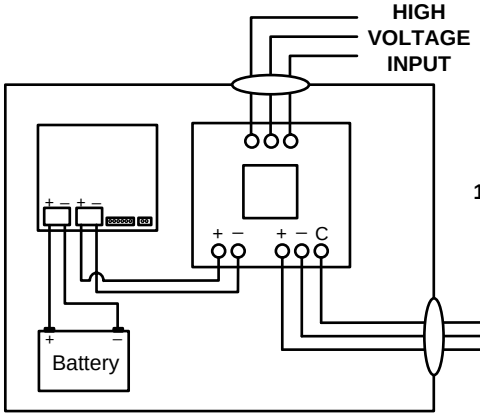
**TEST UNIT ANNUALLY**




**12 Volt Mode Battery Connections**




**24 Volt Mode Battery Connections**




**Note: Power limited cable must maintain a 1/4" or more of spacing from battery cables or primary power wires.**