

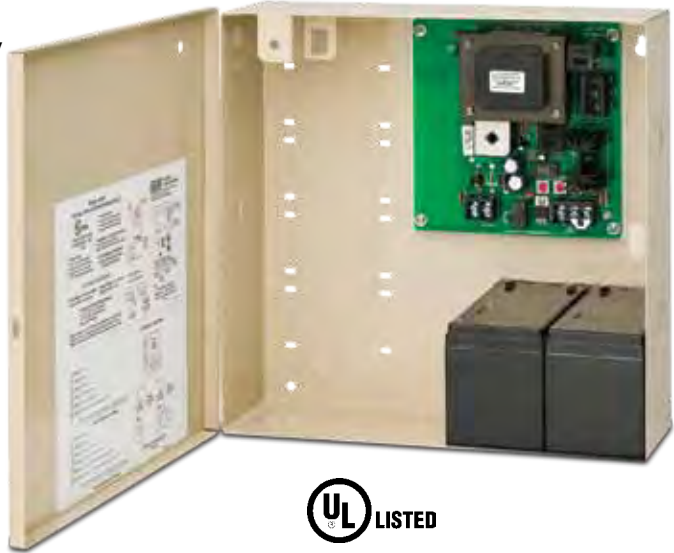


## CR602RF 1 Amp Power Supply

### Modular Access Control Power Supply

Field Selectable 12VDC or 24VDC Output - Standard  
Dual 12VDC and 24VDC Output - Optional  
California Compliant Manual Release Optional

All SDC power supplies are equipped with a high performance transformer and highly reliable electronic components. Filtering and output voltage regulation provide protection and ensure the longevity of all system components. With the addition of SDC programmable controllers or relay modules, the user-friendly modular designs ensure versatility, interface capability and easy installation of electric locking devices, access controls and related safety equipment.



Access Control Systems Unit ALVY  
Fire and Burglar Alarm Power Supply APHV  
Releasing Device Accessory SYSW



#### Class 2 Outputs

To simplify installations that do not require conduit, a Class 2 output is standard and a 6-foot power cord is optional for the 115VAC input where permitted by code.

#### Modular Design

Door control relay modules are available to meet virtually any application need. All wiring for lock hardware, access controls remote control and monitoring is terminated at one central location. Installation and troubleshooting is simplified.

Modules may be factory installed or ordered separately for field installation as needed. All modules are individually fused for protection of multiple station systems.

#### Electrical Specifications

**Input:** 115VAC, 600 mA, 50/60 Hz (230VAC optional)  
**Output:** 12/24VDC, 1 Amp  
**Battery Charger:** 13.5/27VDC, 500 mA

#### Mechanical Specifications

**Cabinet:** 12" x 12" x 4", 18 GA  
305mm x 305mm x 102mm

#### Features

**Fire/Life Safety**  
A fire alarm input provides simultaneous release of all fail safe locks and door holders in case of an emergency.

**Field Selectable Output**  
The output is field selectable to provide 12VDC or 24VDC.

**Input and Output Protection**  
The AC input voltage is circuit breaker protected and the secondary output is PTC protected.

**System Status**  
LED status indicators provide information regarding the AC input, DC output, and battery back up status. Outputs for remote annunciation are available.

**Battery Charging Output**  
A separate PTC protected charging output provides 13.5 or 27 volts to fully charge the batteries. The secondary output is always precisely maintained at 12 or 24VDC to protect locking devices and components from over voltage while the batteries are charging. The specified secondary output current is also maintained while batteries are charging. **De-rating of the secondary output current is not required when charging batteries.**

**Low Battery Disconnect**  
Batteries are disconnected from the output circuit prior to deep discharge preventing battery destruction.

**Door Control Modules**  
SDC relay modules may be incorporated in the power supplies to meet virtually any application requirement, for single or multiple door control.



602RFL  
1 Amp Power Supply  
Less Box



Power Supply with Optional  
CR4 and PC 6 Foot Power Cord



CAL-ROYAL PRODUCTS, INC.



FM 52705