



INSTALLATION INSTRUCTIONS

602RF & 602RFA 1 AMP REGULATED POWER SUPPLY

Specifications

Input Voltage: 115 VAC @ 50/60Hz
230 VAC @ 50/60Hz (Optional)
Input Current: 0.8 Amp Max.

Output Voltage: 12 or 24 VDC

Output Current: 1 Amp

Battery Charger Current: 0.25 Amp Max.
Battery size: 4Ah
(Replace batteries every three years.)

Output Voltage Ranges:
■ 9.2 – 12.0 VDC @ 12 VDC
■ 21.2 – 24.0 VDC @ 24 VDC

To determine standby battery capacity, refer to Battery Discharge Table, or SDC online tool Voltage & Wire Calculators.

Ripple Voltage: 0.05 Volts Max

SECURITY



**ACCESS CONTROL
POWER SUPPLY
SECURITY AND FIRE
ALARM EQUIPMENT
4J82**

Suitable Uses:

Electric Lock Power Supply
Access Control Power Supply
Burglar Alarm System Power Supply
Fire Protective Signaling Service

Compatible UL listed Fire Devices:

Smoke detector manufactured by ESL, Model 521B, 521BXT with Model 506 module.

NOT INTENDED TO POWER A LOCAL BURGLAR ALARM INDICATING DEVICE.

Access Control Line Security	Destructive Attack	Endurance	Standby Power
I	I	IV	I

Certifications

- UL 294 Access Control System Units
- UL 603 Power Supplies for Use with Burglar-Alarm Systems
- ULC-S318 Power Supplies for Burglar Alarm Systems
- BP4663
- BP7341

TEST UNIT YEARLY

Battery Discharge Table

Power Supply Load (Amps)	Hours of Power Backup			
	12 VDC		24 VDC	
	1 Battery 12V 4Ah	1 Battery 12V 7Ah	2 Batteries 12V 4Ah	2 Batteries 12V 7Ah
0.25 A	14.6	30.7	14.6	30.7
0.50 A	5.8	12.1	5.8	12.1
0.75 A	3.3	7.1	3.3	7.1
1.00 A	2.3	4.8	2.3	4.8

Note:

For 24 VDC standby power, minimum of two 12V batteries must be used.



WARNING: CANCER AND REPRODUCTION HARM
www.P65Warnings.ca.gov

602 Power Supply PCB Component Locations

