



# Health Care Call System

## Supplementary Power Supply

Cat. 6652/6851

### DESCRIPTION

The Jeron Cat. 6652/6851 Supplementary Power Supply furnishes additional DC voltage when the Nurse Call System's Main Control's voltage capacity is exceeded by the demand of the number of remote stations connected to the Main Control.

- Battery Backup Available
- Continuous Diagnostic Self-Test
- Current Limited

### OPERATION

The Supplementary Power Supply operates from an internal 28 VDC regulated power supply.

The built-in, self-charging battery backup (6851 only) provides automatic transfer if the building power fails. Normal system on battery operation is retained for five to fifteen minutes depending on the Nurse Call System being used.

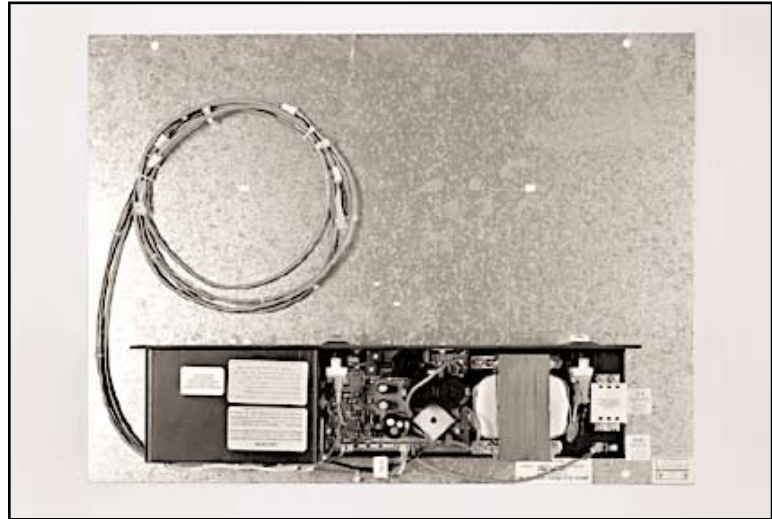
The power supply is protected against system wiring overloads and short circuits. Recovery from these conditions is automatic upon removal of the overload.

Dual transient suppressors filter the input power surges and noise.

### EQUIPMENT

Supplementary Power Supplies provide additional power for systems with many remote stations. Refer to the table on the reverse side of this datasheet to determine when a system will require a Supplementary Power Supply.

A separate central equipment enclosure is required for each Supplementary Power Supply.



### TECHNICAL DATA

#### Enclosure (H x W x D):

- Cat. 6888 Enclosure:  
24 x 18 x 4 in.  
(61 x 46 x 10 cm)

#### Controls/Indicators:

- Main Power:  
Combination ON/OFF switch and 2A circuit breaker
- Battery Power: (6851 only)  
Combination ON/OFF switch and 4A circuit breaker

#### Power Output:

- 28 VDC @ 100 VA  
Current Limited

#### Primary Power:

- 105 to 132 VAC 60 Hz @ 1.5 A

#### Operating Duty Cycle:

- Continuous

#### Transient Suppression:

- Two, MOV type

#### Environmental (operating):

- Ambient Temperature Range:  
32 to 120° F (0 to 50° C)
- Humidity Range:  
0 to 85%

#### Battery Backup (6851 only):

- Normal operation for five to fifteen minutes depending on system used

#### Built-in Diagnostics:

- Ground Fault: red LED indicator

#### Weight:

- 65 lbs. (29 kg)

#### Certification:

- UL 1069 Listed
- C-UL—Canadian Standard C22.2 NO.125

-- continued on next page --



**JERON®**

# Supplementary Power Supply Cat. 6652/6851

6652/6851 SUPPLEMENTARY POWER SUPPLY REQUIRED IF:					
SYSTEM TYPE	SYSTEM PARAMETERS	1 MASTER	2 MASTER	3 MASTER	4 MASTER
		Use Supplementary Power Supply if number of Remote Stations exceeds:			
<b>PROVIDER® 680</b>	6820/22 Patient Stations with: domelite / bath / presence	100	90	70	50
	6820/22 Patient Stations with: domelite / 2xbath / presence / code	90	80	60	40
	6823/24 Muting Patient Stations with: domelite / bath / presence	90	80	60	40
	6823/24 Muting Patient Stations with: domelite / 2xbath / presence / code	80	70	50	30
<b>PROVIDER® 670</b>	6820/22 Patient Stations with: domelite / 2xbath / code	90	80	60	40
	6823/24 Muting Patient Stations with: domelite / 2xbath / code	80	70	50	30
<b>PRO-ALERT™ 640</b>	ANY COMBINATION	OVER 96 ROOMS PER MAIN CONTROL			
<b>EC-610</b>	ANY COMBINATION	OVER 125 REMOTE STATIONS			

**NOTE:** Calculations assume maximum of 10% of call on system simultaneously.

PRODUCT SUBJECT TO CHANGE WITHOUT NOTIFICATION.