



# RM99134

## Alarm Signalling Equipment POWER SUPPLY



**Provides battery backed mains power supply to the ASE**  
**Self testing of battery with LED status indication & fault outputs**  
**Designed to meet the requirements of AS 4428-5**

The **RM99134 ASE Power Supply** provides a battery backed 240VAC power supply to the Alarm Signalling Equipment. The unit is typically used in situations such as sprinkler systems, valve monitors or Fire Indicator Panels with no power source or insufficient capacity to power the ASE equipment to the requirements of the Australian Standard.

The unit is controlled by a microprocessor that continually monitors the condition of the power supply, mains supply and battery to alert when a fault or out of range condition occurs. This along with LED indication on the front panel and fault outputs able to be connected to external alerting devices provides a high integrity power source for the critical applications it may be used in.



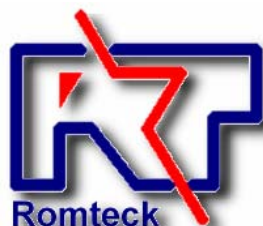
### SPECIFICATIONS

|  |   |
|--|---|
| <b>MAINS INPUT:</b>  | 200 – 260 VAC (50Hz) - (110V AC optional)   |
| <b>SUPPLY VOLTAGE:</b>   | Adjustable 9.5V – 18V D.C<br>Nominal 13.0V D.C.   |
| <b>BATTERY SUPPLY VOLTAGE:</b>                                 | Adjustable 10.0V – 18.5V D.C<br>Nominal 13.7V D.C. standby  |
| <b>SUPPLY CURRENT RATING:</b>                                  | 500mA – continuous  |
| <b>SUPPLY CURRENT LIMIT:</b>                                   | less than 700mA (Nominal 650mA)   |
| <b>BATTERY CURRENT LIMIT:</b>                                  | Approximately 500mA using a PTC thermistor including reverse polarity protection.   |
| <b>LOAD REGULATION:</b>  | Better than 2% between 50 - 500mA.  |
| <b>PROTECTION FUSE:</b>  | 500mA on transformer secondary circuit  |
| <b>BATTERY TEST RESISTOR:</b>                                  | 27 ohm / 6W (use with 5Ahr battery)   |
| <b>TYPICAL CURRENT DRAW (NO LOAD – NO ACTIVE INDICATIONS):</b> | 20mA.   |
| <b>ALARM SET POINTS:</b>                                       | Battery Low: 12.2V D.C<br>Battery High: 14.0V D.C<br>Supply Low: 12.0V D.C<br>Supply High: 13.5V D.C<br>Charger Low: 13.0V D.C<br>Charger High: 15.0V D.C |
| <b>FAULT, MAINS FAULT OUTPUTS:</b>                             | Active high output (Normally low via FET)   |
| <b>TEMPERATURE:</b>  | -5 - 50 deg C   |
| <b>HUMIDITY:</b>   | 0 -95% non condensing   |
| <b>WEIGHT:</b>   | approx 5.2kg including battery  |
| <b>DIMENSIONS:</b>   | 225H x 180W x 90D   |

For further product information on systems described within this brochure or any other ROMTECK products please contact the nearest ROMTECK office shown below.

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