

Data Sheet

Mains Sentry – Power Monitor

- ✚ Beeps when Mains Power Fails
- ✚ Plugs directly into UK 13A Socket
- ✚ Internal Battery
- ✚ CE and UKCA compliance



The Mains Sentry is intended to alert users to a failure of the Mains Electricity supply. It can be plugged into a standard UK 13 Amp socket and will warn the user of a mains power supply failure by 'beeping'.

The unit is ideal for checking that the power supply to your fridge or freezer has not been interrupted.

The product consists of two parts, an AC to DC Power Supply and a Sensor Head. The AC Power supply is plugged into a standard UK 13 Amp 3 pin socket and supplies +5 Volts to the Sensor Head, which is plugged into the top of AC Power Supply.

The Sensor Head has an internal battery (Ultra Capacitor) that is automatically re-charged when the unit is plugged into the mains socket and the mains power switched on. The internal battery takes about 30 minutes to fully charge and will support the Sensor Head during a power failure for a period of 2 to 3 hours.

There is a green LED indicator that shows when mains power is present. During a Power failure the unit makes a beeping sound when Mains Power Fails. When the power returns, the unit continues to beep until the Reset button is pressed. Thus, the user is alerted of a power failure even if the power has returned.

Specifications

Nominal Voltage Input	230 Volts AC 50 Hz
DC Voltage to Sensor Head	+ 5 Volts \pm 0.5 Volts
DC Current to Sensor Head	200 mA
Temperature Range	0 to +40°C (ambient air temperature around the adapter)
Humidity	+5 to +80% Non-Condensing
AC Power Connector	UK 13 Amp Socket
DC Power Connector	USB Type A Socket
Internal Battery	Rechargeable Ultra Capacitor
CE / UKCA Mark	Yes – Safety, EMC, ROHS and WEEE
Ordering Information	Xtronix Part Number 690/100 R1
Items Supplied	Mains AC Power Supply, Power Sensor, User Instruction Sheet

NOTE: Description and specifications may be changed without notice.

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