Yu-Power™
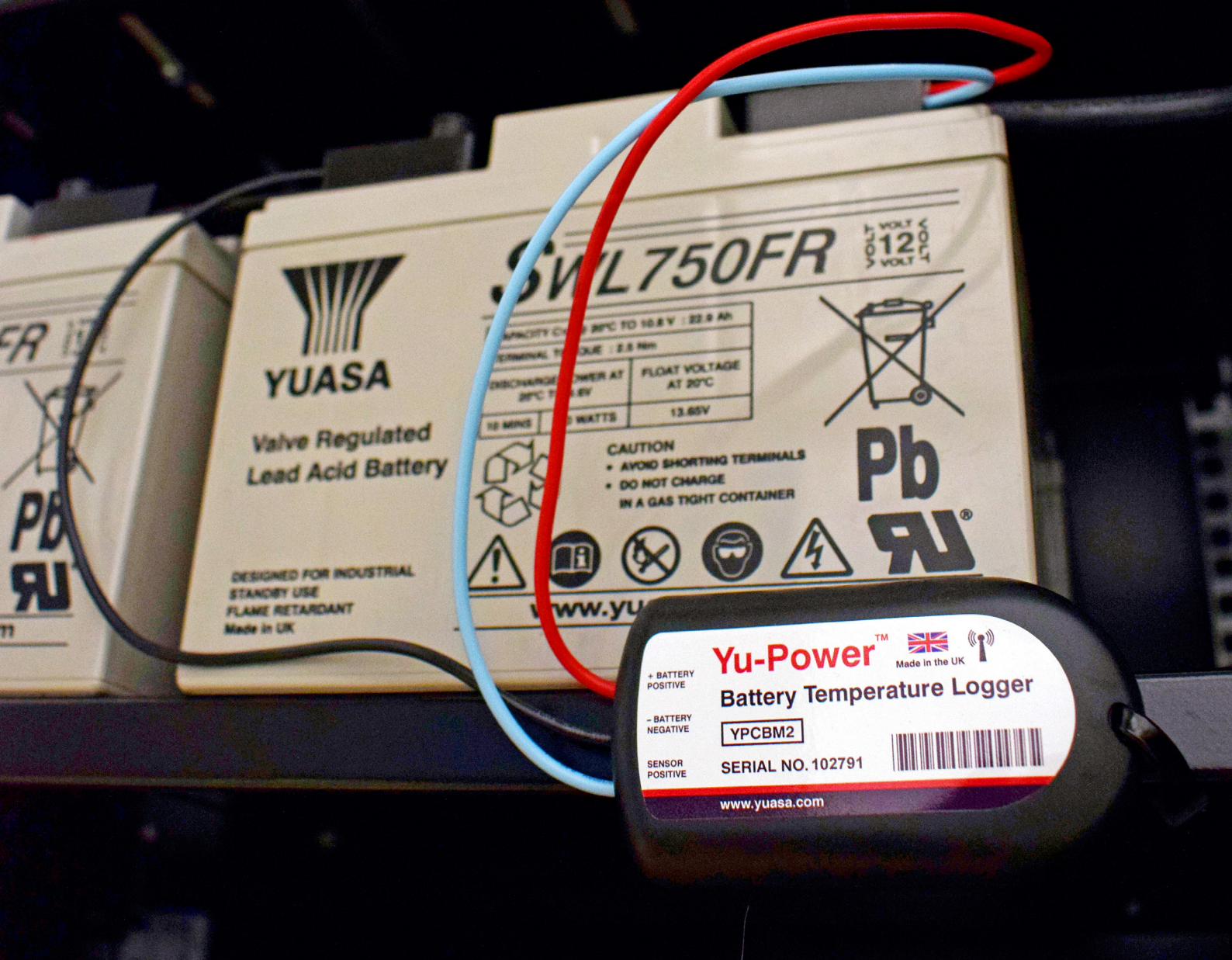# Wireless Battery Monitoring System

YPCBM2 Wireless Battery Temperature Logger
& YPCBL2 Battery Temperature Logger USB Wireless Receiver

YUASA BATTERY

The complete solution for Uninterruptible Power Supply (UPS) battery data monitoring

A monitoring strategy is essential to ensure that a UPS system will always fulfil its role. Long service life and reliable performance can be achieved by continually monitoring key parameters.

Yuasa's easy-to-use battery monitoring solution consists of the Yu-Power YPCBM2 Battery Temperature Logger and the Yu-Power YPCBL2 Battery Temperature Logger USB Wireless Receiver. When used together these products monitor temperature and voltage, communicate wirelessly and determine if the system is operating within the recommended guidelines.

Yu-Power YPCBM2 Wireless Battery Temperature Logger

The YPCBM2 Battery Temperature Logger requires a 12 Volt DC power supply and can be connected to individual batteries within a rack or across a string of up to 120 Volts. By installing more loggers, greater local temperature and voltage monitoring capability can be achieved. For example, with a logger installed on every battery within a system, each one's individual status can be monitored.

- Simply connect the logger to continually monitor local temperature & voltage

- Onboard memory automatically stores readings at a ten minute resolution for the entire life of the battery system

- Ultra-low power consumption <10µA which is less than the battery's self-discharge rate

- Has a discoverable unique serial number embedded, allowing for detection of each individual logger

- Can be given a personalised device name within the Yu-Power analytical software for easy identification of each data logger

- Long wires with bare lead ends to allow easy fitment with any connector type

Yu-Power YPCBL2 Battery Temperature Logger USB Wireless Receiver

The Yu-Power YPCBL2 Battery Temperature Logger USB Wireless Receiver can be used on any compatible device with a USB port.

It wirelessly receives and downloads data in real-time from up to 1000 Yu-Power YPCBM2 Wireless Battery Temperature Loggers.

- USB connection

- Allows for one user per receiver

- Unique activation code to securely pair devices

Yu-Power Analytical Software

Software is supplied with the Yu-Power YPCBL2 USB Wireless Receiver and this powerful analytical software allows for the download and extraction of all recorded data for reporting. It is designed by Yuasa engineers to accurately display key data from each registered battery temperature logger and provides full visibility of system performance status.

Full wireless remote monitoring also available.

- Real-time accurate voltage & temperature data logging

- Customisable & easy-to-use data downloads

- No additional software required to program the data loggers

- Easy detection, set up & personalisation of up to 1000 data loggers

- Allows export of data to Excel, CSV & text files for full end user analytic capability

- Configurable logging time frequencies

- Produces temperature & voltage alerts & exportable graphs with pre-defined performance limits

- Future proofed web based application

A **GS YUASA** Group Company

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