

## Energy Harvesting METSys Current Datalogger

- Energy harvesting CT - no voltage connection required to power the unit
- True RMS current measurement (50 Hz and 60 Hz) - 3 phase + Neutral
- 3 phase or optional 4 phase Rogowski coil bundle
- Calibrated Rogowski coils to ease interchangeability.
- 2GB internal memory for non-volatile data storage
- A USB flash drive to be used for transferring the data from the logger to the PC
- A charge port for battery charging through the micro USB port
- A 2 line LCD display and a 3 button keypad to ease setup and data transfer.
- Logging of measurements to internal memory
- Records Min, Max, Average and Peak currents
- Current display on LCD screen
- 3 button simplified User Interface
- 72 Hour internal battery (for operation without harvesting)
- Connectivity - Bluetooth (BLE) and USB
- Generates CSV log files for easy transfer to a PC

### Android app

- Live reading display
- Log setup
- Start, Stop & Resume logging remotely
- Email logged data



## Energy Harvesting METSyS Current Datalogger

The Energy Harvesting METSyS Current Datalogger is a 3 phase or optionally a 4 phase current datalogger. The small flexible Rogowski coil current sensors allow for quick and easy connection to circuits to be monitored whilst its internal rechargeable battery allows for 72 hours of logging on a single charge making it ideal for short term connected load studies such as compliance with NFPA's National Electrical Code (NEC) 2014 Article 220.87 and meeting the requirements for uniform load calculations in accordance with the requirements of the California Electrical Code (CEC).

For applications where longer term measurements are required the battery life can be extended indefinitely by simply clamping the energy harvesting CT around one of the phases being measured eliminating the need for connection to a power socket.

The logged data may be accessed through an Android app or by using a USB Flash Drive. The data is stored in a comma separated values (CSV) file format. Data analysis is simplified by using the supplied report generator or a spreadsheet.

The free Android app communicates with the METSyS Current Datalogger via Bluetooth and enables easy logger set up, viewing of live data, remote control of logger functions and the option for emailing the logged data file.



GMC-I PROSyS is a leading supplier of non-intrusive current measurement solutions as well as the measurement and processing of other electrical parameters with emphasis on safety through competence.

We work closely with customers, understanding their needs and providing customised solutions which give them a competitive edge.

Our product portfolio comprises the complete measurement chain from transducers through hand-held instruments to measurement system in the Automotive, Utilities and Test and Measurement market.