understanding
designing
implementing

Non-intrusive Rack Power Monitoring

The CL-Amp

A purpose built monitoring device for retrofit, new build and legacy electrical installation monitoring, which enables legacy data centres to be monitored and managed, without the scheduled power downtime associated with the installation of traditional monitoring technologies.

The CL-Amp combined with the Power Hawk or Hawk-I products, creates a solution that increases visibility of power demand in a cost effective, efficient and 'non-invasive' manner. It provides clients far greater control in the ability to identify available capacity, make informed decisions, calculate 'what-if' scenarios, perform risk analysis and drive down costs, thereby greatly improving the drive for energy efficiency.

An open fork in the CL-Amp enables it to be placed directly over a power cable and a choice of locking-ring collars to suit most international 13A, 16A and 32A cable sizes are provided. Each locking-ring separates into two halves and is placed around the power cable and pushed into the CL-Amp clamping bore, retaining the cable with a neat twist and lock action. A very lightweight device, it is designed to be installed at any convenient location on the cable.

Creating the Solution

The CL-Amp derives its power and networking capability from any one of the Power Hawk or Hawk-I products. These come in a number of different varieties, which can be selected based on ease of cabling or cost-effectiveness.

- ☐ **Are you responsible for the Monitoring and the power usage of the Data Centre in your organisation?**
- ☐ **Do you need to understand the power usage in your room?**
- ☐ **Do you need to monitor power but can't shut down key servers?**

For more information

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Technical Specification

- Current measuring range 1.0 Ampere to 60 Amperes.
- Measured supply range: 90VAC ~ 250VAC. Frequency: 50Hz ~ 60Hz A.C.
- Local LED display provides two digit readout.
- Can be calibrated to cable types to provide typically ±3% Ampere current readings.
- Cable collars supplied to support: 8mm, 10mm, 12mm, 13mm, 14mm, 15mm, 16mm & 18mm
- Size: 134mm x 88.5mm x 41mm, Weight: 135gm

Features

- SNMP capability
- 0u - Does not require mounting space within the Rack
- Small enough to install in floor void with no airflow obstruction
- Uses patented technology for current measurement

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