

Questions & Answers for the MiHome House Monitor

Q. My transmitter unit has two unused plug sockets called L2 and L3. Can I add more CT clamps two use on a 3-phase system?

A. Yes, you can purchase extra CT clamps and clamp the whole arrangement on to a 3 phase system.

Q. What does it mean when the LED on the front of the housing is flashing

A. If the LED flashes twice quickly every ten seconds then the battery is getting low

If the LED flashes three times quickly every ten seconds then the battery needs to be changed immediately

Q. What information is available from the adapter?

Answer: The monitor will transmit the measured current periodically every 7 seconds over its radio interface to the MiHome network. From the measured current information Apparent Power used is calculated on the MiHome server. The calculation we use is current x 268 to provide the Apparent Power in Watts.

Q. What is the Apparent Power and is this the power used to calculate my electricity Bill.

Your electricity supplier uses the Real Power reading from your meter to calculate your Bill. This is not the same as the Apparent Power reading that the House Monitor can supply. Apparent Power does not take into account the fluctuations in your mains voltage which can vary from its nominal value of 240 Volts by several percent. Nor does it take into account Power Factor which is an effect caused by appliances in your home with motors in them and also devices like fluorescent lighting and computer power supplies. For this reason your House monitor is likely to be an over-estimate of the Power you consume.

Q. How can I access the data from the monitor for my application?

Answer: The monitor data is transferred to the server at MiHome4u.co.uk by the MiHome Gateway. The data is available over the server API. See <https://mihome4u.co.uk/docs/api-documentation>