



Wibeee Box is a solution of the Wibeee family that features 3 current sensors for single-phase lines of up to 100A. Wibeee Box is a solution that has been designed for the household and small business segment, which allows you to check the individual consumption of the main home appliances or devices connected to the network from the electrical board, such as lighting systems, air-conditioning systems or the generation of photovoltaic energy panels.

Wibeee Box has an ergonomic design, as in the case of all other solutions of the Wibeee family. The device is self-powered with the voltage measuring circuit, featuring three current sensors that can be used to determine the overall consumption, and two auxiliary circuits. It can be connected to a WiFi network to send and record the data in the cloud for its subsequent analysis and management on the platform. Wibeee Box connects to the local WiFi network with the free APP (iOS / Android). The web platform allows you to view and analyse the information generated by the devices.

## Technical Features

|                          |  |                                       |
|--------------------------|--|---------------------------------------|
| Power circuit            | Connection type  | Single or three-phase                 |
|                          | Rated voltage  | 85 ... 265 V ~                        |
|                          | Frequency  | 50 ... 60 Hz                          |
|                          | Power  | 1.5 ... 4.5 VA                        |
| Measurement circuit      | Voltage measurement  | 85 ... 265 V ~                        |
|                          | Nominal current  | 60A 100A                              |
| Accuracy class           | Voltage  | 1%                                    |
|                          | Current  | 1%                                    |
| Communications           | Type   | Wi-Fi (IEEE 802.11)                   |
|                          | Protocol   | HTTP, Modbus/TCP, XML                 |
|                          | Frequency range  | 2,405 - 2,480 GHz                     |
|                          | Encryption   | AES128                                |
|                          | Certification  | FCC (USA), IC (CANADA), ETSI (EUROPE) |
| Build features           | Enclosure material   | Self-extinguishing UNE 21031 90 °C    |
|                          | Weight   | 125 g                                 |
|                          | Protection degree  | IP 20                                 |
| Environmental conditions | Operating temperature  | -10°C ... +45°C                       |
|                          | Humidity (non-condensing)  | 10% ... 90% (non-condensing)          |
|                          | Maximum altitude   | 2000 m                                |
| Safety                   | IEC 61010-1:2001 Double-insulated electric shock protection class II |                                       |
| Standards                | UNE-EN 61010-2-030:2011, UNE-EN 61326-1:2006, EN 301 489-17 V2.2.1   |                                       |

