



Kill A Watt Wireless

with Carbon Footprint Meter

**Wireless Sensor Unit
P4220**

Kill A Watt sans fil

avec dispositif d'empreinte au carbone

**Module de capteur sans fil
P4220**

Please read these operating instructions carefully before using the product, and keep the instructions in a safe place for reference. If you allow third parties to use this product, make sure you pass on the operating instructions.

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1. Introduction

Dear Customer,

Thank you for purchasing this product.

The product has been EMC-tested and meets the current national requirements. See also FCC-Information.

Please observe these operating instructions in order to maintain this condition and ensure safe operations.

Prior to using the product for the first time, please read the entire operating manual and observe all operating and safety instructions.



Please note the correct order for commissioning the product. Please also observe the mounting instructions and the information on radio interference between the sensors and base station.

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1.1. Intended use

The wireless sensor unit is a socket adapter with an integrated energy measuring unit. The energy sensor sends measurement values via radio signal to the wireless sensor display panel.

The energy measurement system is only to be operated in dry interior rooms.

Manufacturer assumes no responsibility for incorrectly displayed or measured values, and/or any consequences ensuing from them.

The product is intended for private use only. It is not designed for medical, commercial or public safety purposes.

The components of this product are not toys. Do not allow children to operate them.



Any other use than that described above may lead to damage to the product or to other danger.

Please read these operating instructions carefully for important information on deploying, using, and operating the product.

2. Scope of delivery

- Wireless sensor unit
- Operating instructions

3. Terminology



An exclamation mark in a triangle indicates important instructions in the operating manual which must be observed under all circumstances.



The "hand" icon points to special tips and instructions on using the product.

4. Features and functions

4.1. General

Kill a watt wireless allows the user a simple cost check and a resulting cost prediction. Technical measuring data (instantaneous power, current, consumed energy) is shown here, but it is in the background compared with cost, which is made clear by permanently showing the cost/predicted cost and the highlighted button (with \$ sign).

The system consists of two types of devices:

- Display unit with display and control elements (data presentation)
- Wireless sensor unit realized as socket adapter

The device can be installed without any tools and is easy to operate.

Up to 8 wireless sensor units can be assigned to each display unit.

Values are transmitted from the wireless sensor unit to the display unit via radio signal.

4.2. Wireless sensor unit

All physical values for cost calculation are determined in the wireless sensor unit:

- Current
- Voltage
- Phase angle
- Effective power
- Power consumption since previous data transmission
- Accumulated power consumption

Data is transmitted cyclically.

The wireless sensor unit has to be taught-in to the respective wireless sensor display. For further information about the teach-in procedure please refer to the manual of the wireless sensor display that is delivered with the kill a watt wireless set.