

Energy Monitor



Power & Energy Monitor

Multi-purpose and easy-to-use device that monitors, controls and reports power usage for appliances. It plugs into EU and US wall socket (230V/110V) and continuously measures active power and energy use.

Additional features for monitoring line quality and remote control (on/off) of remote appliances are also available on request.

Calibration

Different levels of calibration are available, the manufacturers' calibration certification, UKAS calibration, and reference calibration at specific temperature points carried out by KoolZone.



Energy Monitoring



Wireless



Accuracy 1%



EU and US version



Out-of-the-Box

Technical Specification

Operating Voltage	100-250 VAC
Power Frequency	50-60 Hz
Max Load	16A
Active/Reactive Power resolution	1 W / Var
Active/Reactive Energy resolution	1 Wh / Varh
Power Accuracy	< 1% above 40W >1% below 40W
Frequency Quality	Current/min/max values
RMS Voltage Quality	Current/min/max values
Over Voltage Measurement	Number of occurrence the voltage exceed the overvoltage threshold
Sag Measurement	Number of occurrence the main voltage is lower than the "sag voltage threshold" for at least the number of half cycle defined by the "sag cycle threshold" attribute
Button	Reset, ON/OFF
Dimensions	62x114x40 mm
Operating Temperature	-20 / +50 °C
Directives & Standards	EN, 61000-4-2 EN 300-220-1 V2-4-1, EN 301 489 V1-6-1 CE, FCC part 15.247 subpart C, RoHS recommendation compliant

Note

Monitored data and alarms are visible through KoolZone's sophisticated monitoring platform running on iOS or Android phone, iPad, tablet or laptop. Alert notifications can be sent by text, email, or phone.

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