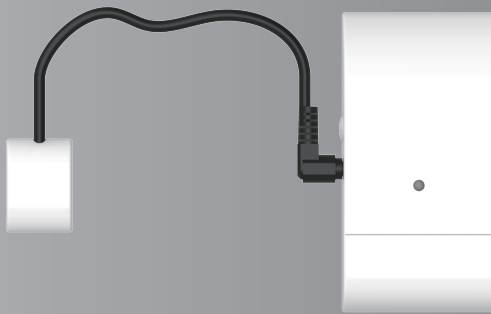


# EMD-1ZW Energy Meter

Go Green and Save Green



EMD-1ZW is a smart power metering device designed to measure electricity consumption from the electricity meter. E-Meter counts LED pulses from the house meter and converts it to Watt and accumulated KWh. Measuring your home's energy consumption is the first and most important step toward reducing energy consumption and achieving greater energy efficiency.

The mounted design provides reliable performance and an easy way to install without requiring special housing. Adopting the Z-Wave standard, E-Meter ensures its compatibility with other manufacturers' Z-Wave products and can be flexibly integrated into new or existing Z-Wave smart home gateways. It allows a user to remotely monitor power consumption on his/her smartphone or tablet and helps boost energy efficiency and reduce electricity bills.

## Features

- Measures, monitors and reports the energy consumption of a household from the electricity meter
- Counts the LED pulses from the house meter and converts it to Watt and accumulated KWh
- Wireless and lightweight for easy installation
- High stability and sensitivity
- LED status indicator
- Reports collected data to the control panel at regular intervals
- Compatible with other manufacturers' Z-Wave systems
- Suitable for residential and commercial premises

## Specifications

Communication Protocol	Z-Wave Plus 500 series module
Frequency	868.40 MHz (EU) / 908.40 MHz (US)
Power Source	1.5V, AA Alkaline Battery x 2
Battery Life	2 years*
Accuracy	±5%
Operating Temperature	-10°C to 45°C (14°F to 113°F)
Operating Humidity	Up to 85% non-condensing
Dimensions	46mm x 90mm x 30mm

\* Note: Actual battery life may vary with product settings, usage patterns, and operating environments.