

smart power meter





The smart power meter is a wireless power measurement sensor for devices with a power of up to 3000 W. It is available with various country adapters such as EU, USA, and UK. The data is transmitted wirelessly and securely through the essentim Gateway, enabling encrypted 24/7 reading via the essentim Web Application.



Article Number (EU): 1PM2ES001-EU / -UK / -US
Supply Range: 100-240VAC 50/60Hz (13A max)

Dimensions: 103 x 61 x 34,6 mm
Lifetime: 5 years

Specifications:

 Power	0 - 3000W (typ. $\pm 10\text{W} + 0,5\% \text{ MV}$)
 Voltage	100 - 240VAC (typ. $\pm 5\text{V} + 0,5\% \text{ MV}$)
 Current	0 - 13A (typ. $\pm 50\text{mA} + 0,5\% \text{ MV}$)
 On/Off State	0 or 1

- Performance Highlights:**
- Plug & Play 24/7 power and energy monitoring.
 - Supports 100-240V, 50/60Hz voltage input.
 - Power and energy monitoring with a measurement accuracy of $\pm 0.5\%$.

Operating Conditions: 0 °C to +40 °C, 0 % to 95 % rH non condensing

Certified: UL/FCC/CE/UKCA-certified
RoHS compliant