



AEON LABS – HOME ENERGY METER

(Z-Wave Whole Home Energy Meter)

Product Overview:

The Aeon Labs Home Energy Meter is a low-cost energy meter for the entire home. It can wirelessly report immediate wattage and kWh usage to central Z-Wave control point gateways and can be easily and safely installed by licensed professionals.

Current transformer clamps clamp around the AC Mains to detect energy usage for the entire house. The main body is anchored using a back mount and opens easily for battery replacement every 6 months (4 AA). Operating via battery power, readings can be taken at a maximum resolution of every 4 minutes.

The Aeon Labs Home Energy Meter can also be powered via DC (USB port) and does not require battery power when using the DC to draw power. Operating via DC power, readings can be taken at a maximum resolution of every 1 second.

The main body is International Protection Code rated IP43 to be weatherized for outdoor conditions; it can operate in most weather conditions. This provides for better radio range by bringing the antenna outside of most metallic current breaker boxes.

Product Highlights:

- Low-cost whole home energy meter (Wattage and kWh)
- Can easily and safely installed by licensed electricians
- IP43 rated to withstand most weather conditions outdoors
- DC powered (USB port) or 6 month battery life on 4 AA batteries
- DC powered (USB port) for reports every second or battery powered for reports every 4 minutes
- Can be used from 110V – 250V AC
- Within 5% energy reading accuracy
- Firmware updatable in field by end-consumer
- Optimized antenna range: 80+ feet
- Certified/Available for USA, EU and Australian markets (FCC, CE, C-TICK, ROHS)