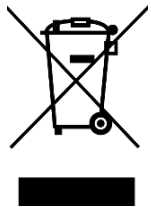


Meazon's revolutionary self-charging induction meter, combines the benefits of DinRail meters with plug and play convenience to enable deployment in space or access-constrained environments. Ideal for large scale deployments where cost of installation and provisioning of in-cabinet solutions becomes prohibitive

Architecture	Zigbee Mesh Network
Frequency band	Zigbee: 2.4 GHz
Data reporting intervals	Minimum: 2 seconds Defaults: 5 minutes for A, 1 hour for W/Wh
Data storage in the device	Total Accumulated Active Energy in Wh
Security mechanism	AES encryption 128 bits
Response to loss of communication	Yes (Parent re-association through Zigbee)
Zigbee end-device, battery operated	Yes

Zi-clamp 3-Phase (Zigbee)

Meazon Zi-Clamp 3-Phase is a Zigbee enabled AC current sub-meter installed in electrical panels. Capable of monitoring up to 3 different lines, it measures line Currents (TRUE Irms) and calculates estimated Total Active Power (Watts) and accumulated Total Active Energy (Wh). It helps users understand when and how they consume electricity. It can be used when there is no need for <1% power measurement error but extra low deployment effort is of essence.



Operating Voltage/Frequency	Voltage Not Applicable, Frequency 50 to 60 Hz
Measurements	Measures: - Irms/Phase (TRUE RMS AC current), 0.5-50A or 5-500A Calculates: - Total Active Power - Total accumulated Active Energy
Current Measurement Accuracy	<1% at Irms>1.6A
Power supply	Built-in battery, Re-chargeable through power harvest or mini-USB port. Estimated standby Battery life when measuring zero load: 1 year using recommended report settings 7 months using minimum report settings Unlimited Battery life when measuring > 1.6A/phase
Wireless coverage	Up to 30m indoor, Zigbee mesh topology/end-device
Dimensions	53.35 x 53.35 x 13.7 (WxHxD) in mm
Operating Environment	Indoor rated, -20°C to 50°C