



CHAMELEON®
TECHNOLOGY

Energy Clamp

**Accurately monitor current draw for
live, auxiliary load monitoring**

Chameleon Technology has been a pioneer within the energy sector since 2010, with over 12 million devices manufactured and delivered.



Introducing the new wireless Energy Clamp from Chameleon Technology. This Zigbee 3.0-enabled sensor is ideal for measuring current draw where there is no suitable traditional metering option.



UNIQUE DESIGN

First commercially-available, completely wireless clamp on the market.



MEASUREMENT ACCURACY OF 1%

0.01 Amp granularity using standard Zigbee profile.



REAL-TIME REPORTING

See real-time current draw for specific devices.



IoT FLEXIBILITY

Compatible with other Zigbee-enabled IoT hubs.



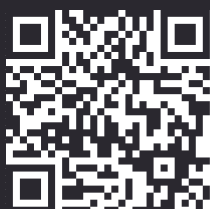
EASY TO USE

Quick and easy to install for both technicians or consumers.



DATA DELIVERY

Helps to bridge the gap between dumb meters and smart meters.



Scan the QR code to go to our website

For more information contact info@chameleontechnology.co.uk

Energy Clamp – Product Specifications

IoT Connectivity	Zigbee 3.0
Optional USB Support	USB Micro B support for external power 5V
Battery type	2 x LR03 AAA Alkaline. User replaceable.
Expected battery life	3 years minimum ^{*1}
Input power	>2.5W
Input protection	Reverse Polarity Over current
LEDs	2 LEDs to indicate to indicate power and pairing mode activation
Temperature reporting	Absolute accuracy $\pm 5^{\circ}\text{C}$ ^{*2} Reporting to 1°C
Current measurement accuracy	1% at 20% load
Maximum current	100A RMS
Product installation	Clip onto live wire (double-insulated cables only ^{*3}) Does not require a qualified engineer to install
Max cable sizing	25mm
Storage temperature	-20°C to +70°C
Standard operating temperatures	-20°C to +70°C
Operating humidity	0-90% (Non-condensing)
Ingress protection	IP54
Product weight	110g (without batteries)

Notes

¹ Based on 10 second reading nominally at 20°C ambient temperature

² Expect spread for product range within 0°C & 20-80% RH range

³ Please ensure operator safety and clip to double-insulated cables only. Please refer to warranty statements.

