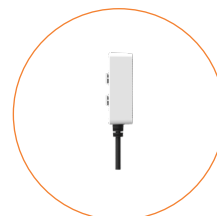
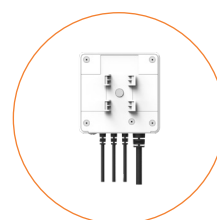
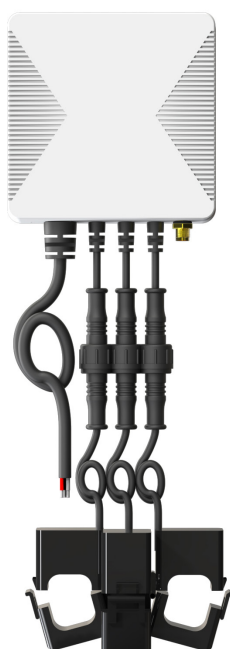


Products

– Energy Control & Management



Single/3-phase Power Clamp



Description

PC321-Z-TY Power Clamp helps you monitor the amount of electricity usage in your facility by connecting the clamp on to the power cable. It can also measure Voltage, Current, ActivePower, total energy consumption.

Main Features

- Tuya compliant
- Support automation with other Tuya device
- Single/3 - phase electricity compatible
- Three current transformers for Single phase application
- Measures real-time Voltage, Current, ActivePower and total energy consumption
- Suitable for both residential and commercial application
- Lightweight and easy to install
- External antenna prevents signal from being shielded
- Support OTA

Main Specifications

Wireless Connectivity	
ZigBee	• 2.4GHz IEEE 802.15.4
ZigBee Profile	• ZigBee 3.0
RF Characteristics	• Operating frequency: 2.4GHz • External antenna • Output Power: Up to +20dBm
Physical Specifications	
Operating Voltage	• 100~240 Vac 50/60 Hz
Calibrated Metering Accuracy	• $\leq 100\text{W}$ Within $\pm 2\text{W}$ • $>100\text{W}$ Within $\pm 2\%$
Reporting Cycle	• Every 3 seconds
Clamp diameter	• 80A (default): 10.6mm • 120A (optional): 16.7mm • 200A (optional): 21.1mm • 300A (optional): 25.1mm • 500A (optional): 36.7mm • 750A (optional): 51.3mm
Operating environment	• Temperature: $-20\text{ }^{\circ}\text{C} \sim +55\text{ }^{\circ}\text{C}$ • Humidity: $\leq 90\%$ non-condensing
Dimension	• 86(L) x 86(W) x 37(H) mm