

Products

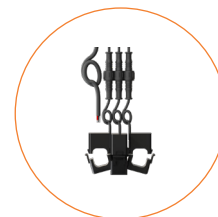
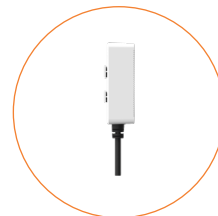
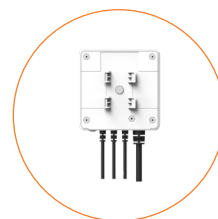
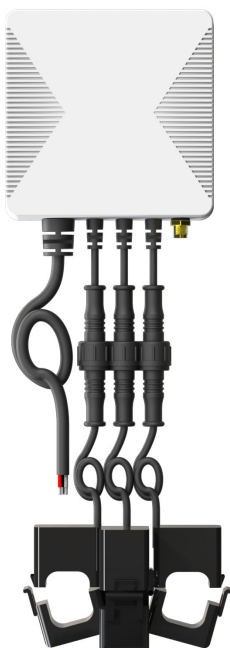
– Energy Control & Management

PC321-TY

Single/3-phase Power Clamp

WiFi

tuya



Description

PC321-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, PowerFactor, ActivePower.

Main Features

- Tuya compliant
- Support Tap-to-Run and automation with other Tuya device
- Single/3 - phase electricity compatible
- Three current transformers for Single phase application
- Measures real-time Voltage, Current, PowerFactor, ActivePower and total energy consumption
- Display the current temperature of the device on the App
- Suitable for both residential and commercial application
- Lightweight and easy to install

Main Specifications

Wireless Connectivity	
Wi-Fi	• 802.11 B/G/N20/N40
RF Characteristics	• Operating frequency: 2.4GHz • Internal Antenna • Output Power: Up to +20dBm
Physical Specifications	
Operating Voltage	• 100~240 Vac 50/60 Hz
Calibrated Metering Accuracy	• $\leq 100W$ Within $\pm 2W$ • $>100W$ Within $\pm 2\%$
Reporting Cycle	• Every 2 seconds
CT Provided	• CT 80A (default) • CT 120A/200A/300A(optional)
Clamp diameter	• 80A: 10mm • 120A: 16mm • 200A: 20mm • 300A: 24mm
Operating environment	• Temperature: $-20^{\circ}C \sim +55^{\circ}C$ • Humidity: $\leq 90\%$ non-condensing
Dimension	• 86(L) x 86(W) x 37(H) mm