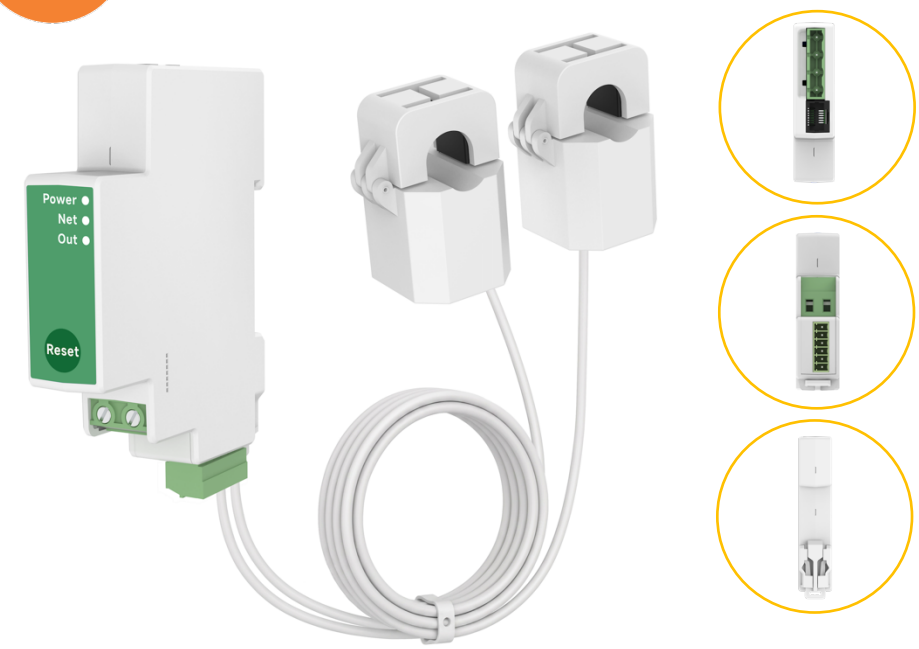
Products
– Energy Control & Management

PC4711-W-E-TY/R

Smart Energy Meter



Description

Smart energy meter UniClip Pro (PC4711-W-E-TY/R) helps you monitor the amount of electricity Consumed and Produced in your single-phase power system by connecting the clamps on to the power cables. It allows you to turn On/Off of relay and check real-time or historical energy data via mobile App.

Main Features

- TUYA compliant, supporting automation scenarios and HA platform integration
- Single-Phase electricity system suitable
- Remotely monitor a single-phase circuit/load, with 2 current transformers
- Wi-Fi communication, fast configuration, suitable for environments with inconvenient wiring.
- Ethernet communication, adapt to environments with poor wireless signals, and improve network stability
- Real-time Voltage, Current, PowerFactor, Frequency, ActivePower, ReactivePower, ApparentPower measurement
- Bidirectional measurement: Energy Usage / Solar Production
- Historical data could be displayed and exported in App
- Dry contact relay, resistive current rated 3A, max.5A, overload protection and relay setting
- Offline energy data storage function, automatically reporting data after network reconnection
- Functions such as Data Erasure, remote Reboot, CT Setting, etc

Main Specifications

Connectivity	
Wi-Fi	• 802.11 b/g/n @2.4GHz
BLE	• For Pairing
Ethernet	• 10/100 Mbps
Physical Specifications	
Un	• 230V AC, 50/60Hz
Voltage Range	• 90-277 V
Supported Systems	• Single-Phase
Power Consumption	• < 2W
Voltmeters Accuracy	• ±1%
Ammeters Accuracy	• 80A CT: ±1% (1-80A) , ±2% (0-1A) • 120A CT: ±1% (2-120A) , ±2% (0-2A) • 200A CT: ±1% (2-200A) , ±2% (0-2A) • 300A CT: ±1% (6-300A) , ±2% (2-6A) , ±5% (0-2A)
Clamp Inner Dimension	• 80A (optional): Ø10mm • 120A(default): Ø16mm • 200A(optional): Ø20mm • 300A(optional): Ø24mm
Relay Type	• Dry contact relay, resistive current rated 3A, max.5A
Reporting Cycle	• Energy data: every 15 seconds • Relay status: immediately
Operating Environment	• Temperature: -20 ℃~+55 ℃ • Humidity: ≤ 90% non-condensing
Mount Type	• 35mm DIN rail mounting
Dimension	• 19(W) x 69(D) x 90(H)mm
Certification	• CE

