

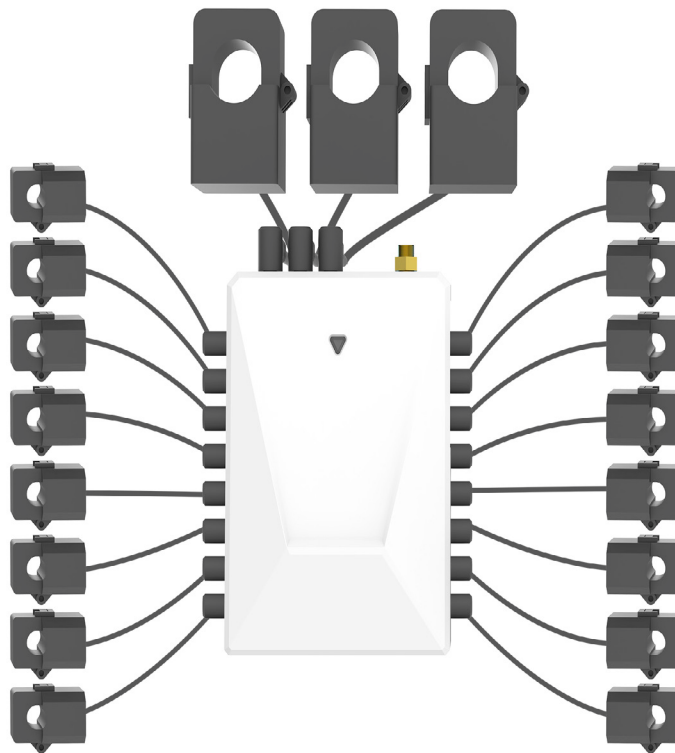
Products

– Energy Control & Management

PC341-W

Multi-Circuit Power Meter

WiFi



Description

PC341-W helps you monitor the amount of electricity Consumed and Produced in your facility by connecting the clamp on to the power cable. Monitor whole home Energy and up to 16 individual circuits.

Main Features

- Single, Split-Phase 120/240VAC, 3-Phase/4-wire 480Y/277VAC electricity system compatible.
- Remotely monitor whole home Energy and up to 16 individual circuits with 50A Sub CT, like Solar, lighting, receptacles.
- Bi-Directional measurement: Show how much energy you are producing, energy consumed and excess energy back to the grid.
- Real-time Voltage, Current, PowerFactor, ActivePower, Frequency measurement.
- Historical data of Energy Consumed and Energy Production is displayed in Day, Month, Year.
- External antenna prevents signal from being shielded.

Standard models

Split-Phase (US)	
PC341-2M-W	• 2*200A Main CT
PC341-2M16S-W	• 2*200A Main CT • 16*50A Sub CT
3-Phase (EU)	
PC341-3M-W	• 3*200A Main CT
PC341-3M16S-W	• 3*200A Main CT • 16*50A Sub CT

Main Specifications

Connectivity	
Wi-Fi	• 802.11 b/g/n @ 2.4GHz
BLE	• For Wi-Fi Pairing
RF Characteristics	• Operating frequency: 2.4GHz • External magnetic antenna
Physical Specifications	
Operating Voltage	• 90~277 Vac 50/60 Hz
Supported Systems	• Single-Phase 240VAC line-neutral • Split-Phase 120/240VAC • Three-Phase up to 480Y/277VAC (No Delta/wye/Y/Star Connection)
Calibrated Metering Accuracy	• ≤ 100W (Within ±2W) • >100W (Within ±2%)
Reporting Cycle	• Every 15 seconds
Main Current Transformer(CT)	• 3.5mm three-Pole audio connector with 1m cable • 200A(Default) • 120A(Optional) • 80A(Optional)
Sub Current Transformer(CT)	• 2.5mm three-Pole audio connector with 1m cable • 50A
Operating environment	• Temperature:-20 °C~+55 °C • Humidity: ≤ 90% non-condensing
Mount Type	• Wall or DIN rail mounting
Certification	• CE