



Datasheet CheckWatt CM10

Description

CheckWatt CM10 is a gateway for metering and sensor data logging, as well as automatic control in communication with CheckWatt cloud services through LAN and/or the internal 4G modem. DIN rail mounted, the width is six modules.

There are several user cases for the CM10 in the field of data logging, communication, and automatic control. Compatible devices that the CM10 is used with includes: energy meters, water meters, solar PV inverters, battery storage inverters, wind power park controllers, temperature sensors, solar irradiance sensors, etc.

Supported communication protocols include: Modbus RTU, Modbus TCP, MQTT, puls/S0, digital I/O, IEC 60870-5-103, etc.

Specifications

- Performance
 - Quad-core Cortex A72 1.5 GHz processor
 - RAM 1 GB
 - eMMC Industrial Flash 8 GB
- Physical interfaces
 - 2 x Ethernet
 - RS-485
 - 4 x digital in
 - 4 x digital out
 - 2 x USB
- Wireless connectivity
 - WiFi/BLE
 - 4G cellular
- External antennas via SMA connectors
- Internet routing capability
- Power supply 12-30 VDC
- Dimensions, mm (L*W*H): 90*107*62



Certification

- CE
- EMC