

EM115-Mod-WL DC

single phase wireless energy meter with WiFi&LoRa



- MID approved B+D
- Bidirectional energy metering,230V AC 50Hz/120V AC 60Hz
- Direct metering up to 45A
- WiFi support 802.11b/g/n, Frequency ranger:2.412GHz-2.484GHz
- WiFi network mode: AP+STA
- Lora WAN frequencies including 433Mhz/868Mhz/915Mhz/923Mhz
- Total energy usage can be calculated via 5 different modes
- Display of Voltage,Ampere,kW,PF,HZ,+kWh,-kWh,ΣkWh
- Display Modbus RTU Interface data : baud rate, Modbus id Parity
- Reactive power and reactive energy available through interface
- LCD display, 5 integer 1 decimal
- Clear green backlight display
- Accuracy class B according to EN50470-3
- Accuracy class 1 according to IEC62053-21
- Memory back-up (EEPROM)



Characteristics

Type of measurement	Voltage,Ampe,kW,PF,HZ,+kWh,-kWh,ΣkWh
Rated current	5A
Rated voltage	230V
Frequency (Hz)	50 or 60Hz
Maximum value measured	99999.9kWh
Power consumption of current circuits(VA)	< 0.01
Power consumption of voltage circuits(W)	< 1.3W
Current terminals flexible 1×mm ²	0-6mm ²
another terminal flexible 1×mm ²	0-2.5mm ²
WiFi comms	
WiFi standard	802.11 b/g
Frequency Ranger	2.412GHz~2.484GHz
Power consumption	Power consumption 802.11 b :+20db ; 802.11 g: +18db
Network mode:	AP/Station
Dimension	
Width (mm)	18
Height (mm)	104.5
Depth (mm)	88
Environmental	
Operating temperature	-25°C - +55°C
Storage temperature	-40°C - +70°C

