

EM115-Mod-WiFi

single phase wireless energy meter with WiFi



Bidirectional energy metering,230V AC 50Hz/120V AC 60Hz
 Transformer connected meter 5A
 Wifi support 802.11b/g/n, Frequency ranger:2.412GHz-2.484GHz
 Support two type network mode: AP/Station
 CT ratio can be set by communication
 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