

Model No: EM115-Mod-WL

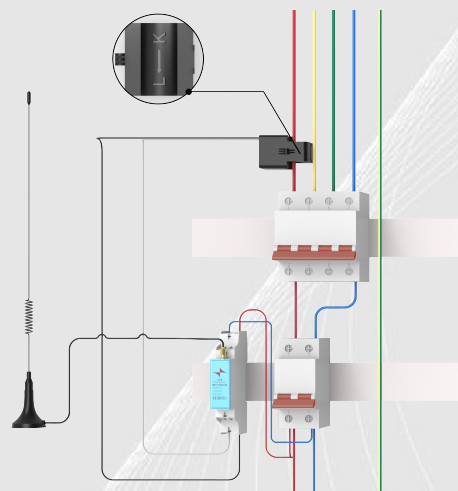
Single Phase Anti Reverse Flow Meter

V202502



Product Features

- Cooperate with our RPMI series microinverter to achieve system anti reverse flow function
- Bidirectional energy metering 1 DIN modules, 230V AC 50Hz/120V AC 60Hz
- Accuracy class B according to EN50470-3
Accuracy class 1 according to IEC62053-21
- Support maximum AC input current of 100A
- Reactive power and reactive energy available through interface
- Built-in RS485 communication port, MODBUS protocol
- S0 pulse output, transmission of measured values via pulses
- WiFi support 802.11b/g/n, Frequency ranger: 2.412GHz-2.484GHz



Product Functions

Anti Reverse Flow

Cooperate with our RPMI series microinverter to achieve system anti reverse flow function through WiFi communication
Instantaneous anti reverse flow control, fast response

Convenient Maintenance

Display the trend chart of solar power generation and user electricity consumption through the Solar Point APP

Easy Installation

1P module electric meter, mini and attractive
Open magnetic ring design, safe and simple operation

Widely Applicable Scenarios

Support up to 6 microinverters
Support mixing 1T2 microinverter and 1T4 microinverter

Technical Specifications

MODEL	EM115-Mod-WL
INPUT	
Nominal voltage	230V AC
Voltage range	120-275V
Power consumption	0.5W 2VA
Primary current	100A
Second input	330mV (Primary current=100A)
MODBUS COMMUNICATIONS	
Protocol	MODBUS RTU
Communication address	1~255
Baud rate	1200bps-19200bps, 9600 (default)
Parity	None, Even
Stop bits	1
WIFI COMMS	
Wifi standard	802.11 b/g
Frequency range	2.412GHz~2.484GHz
Power consumption	802.11b:+20db; 802.11g: +18db
GENERAL DATA	
Frequency	50/60Hz
Accuracy	B
MECHANICAL	
Material	ABS+PC
Weight	100g
ENVIRONMENTAL	
Operating temperature	-25°C ~ +55°C
Storage temperature	-40°C ~ +70°C
Humidity	75% yearly average, 95% on 30 days/year, non-condensing
SIZE	
Length*Width*Height	65*18*99.5mm

SYSTEM DIAGRAM

