

Multi-function Power Meter (Smart & APP)

Setting Function Operation



1

key function

- Overvoltage protection
- Undervoltage protection
- Overcurrent protection
- Overload protection
- Delay protection
- Over temperature protection
- Automatic reclosing
- Leakage detection function
- Timer switch (set in APP only)
- Prepaid function (set in APP only)
- Fault record (display in APP only)
- Real-time monitoring of voltage, current, temperature, power

2

Product Introduction

The multi - functional Wifi guide rail meter adopts a rail - type design, which is small in size, compact instructure and simple in installation; it uses an LCD display screen to display current, voltage, electricity, power,frequency and other electrical parameters, is convenient for users to acquire data and easy to operate. It hasgood anti - electromagnetic interference capabilities, meets various needs of power management, facilitates therealization of terminal - intelligent power metering, and facilitates the retrofitting of power meters in the lateltransformation of the lighting system. It is widely used in commercial squares, science and technology parksuniversities and other occasions where billing is required, It can also be jointly deployed with energyconsumption monitoring and energy management systems. its application scope includes property bilingmanagement, electricity metering, power demand - side management, energy consumption management andenergy-saving analysis, Other low - voltage power systems, etc.

3

Technical parameters

Rated voltage	AC 220V/110v
Operating voltage range	AC 80V-300V
Frequency	50/60Hz
Power range	0-99999kwh
Timing range	0-999 days
Power factor	0-1.0PF
Temperature range	-40-150°C
Overvoltage setting range	130-300V
Undervoltage setting range	75-210V
Overcurrent setting range	1-63A
Overpower setting range	1-15KW
Rated insulation voltage	400V
Output contacts	1NO
Mechanical life	10,000 times
Protection class	Ip30
Altitude	≤2000m
Humidity	≤50%at40°C(non-condensing)

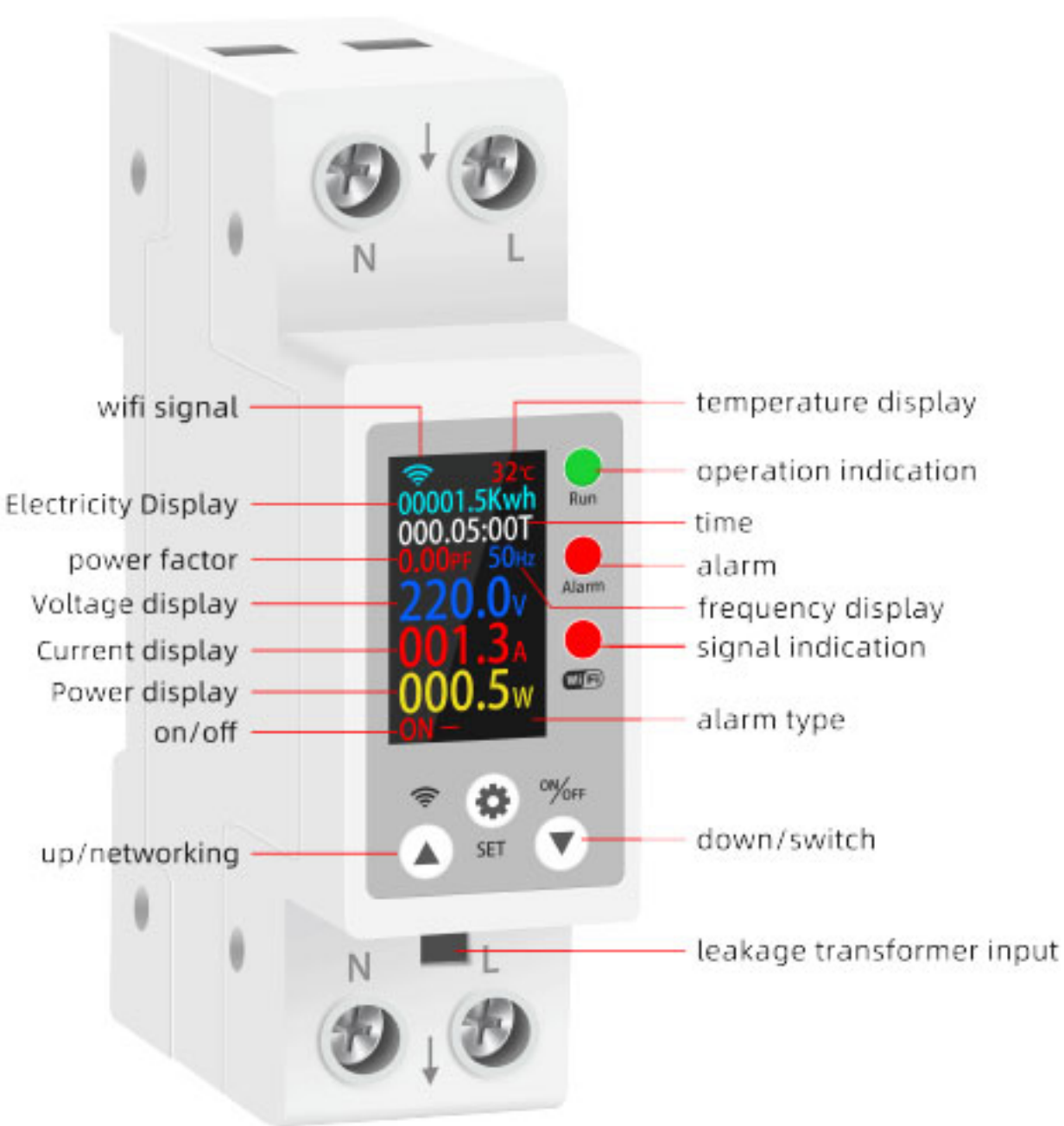
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Function Introduction, Default Settings

Options	Setting range	Default parameters
Overvoltage protection	230-300V	270V
Undervoltage protection	110-210V	170V
Overcurrent protection	0.1-63A	40A
Overload protection	1-15KW	8.8KW
Electrical energy protection	0-99999kwh	99999kwh
Overtemperature protection	0~150°C	85°C
Number of closures	1-30 times	5 times
Closing time	1-600 seconds	30 seconds
Electricity clearing	On/Off	off
Timing clearing	On/Off	off
Power-up operation	Close/open/hold	keep
Overvoltage delay protection	1-600 sec/off	off
Undervoltage delay protection	1-600 sec/off	off
Overcurrent delay protection	1-600 sec/off	off
Overload delay protection	1-600 sec/off	off
Overtemperature delay protection	1-600 sec/off	off

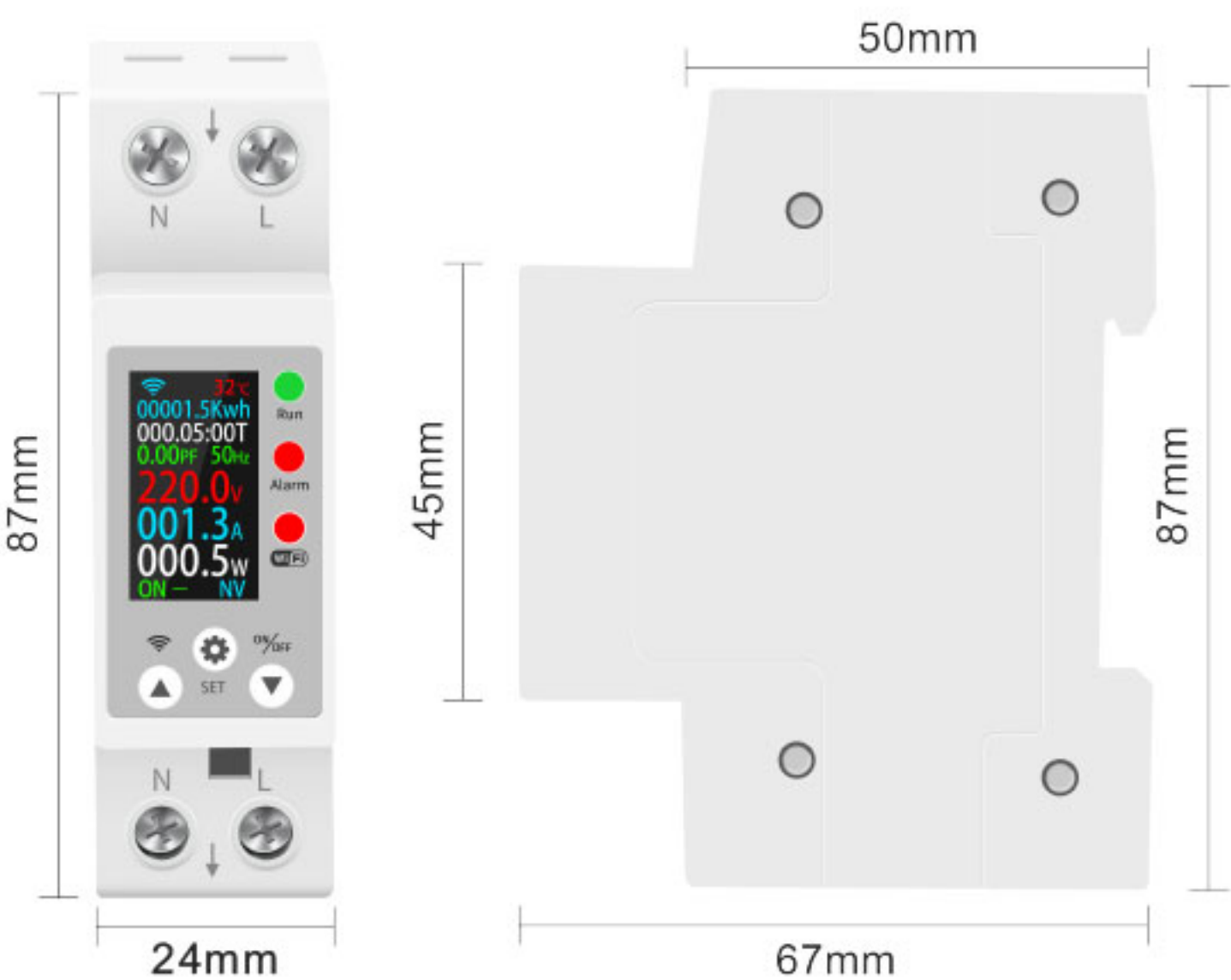
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structural analysis



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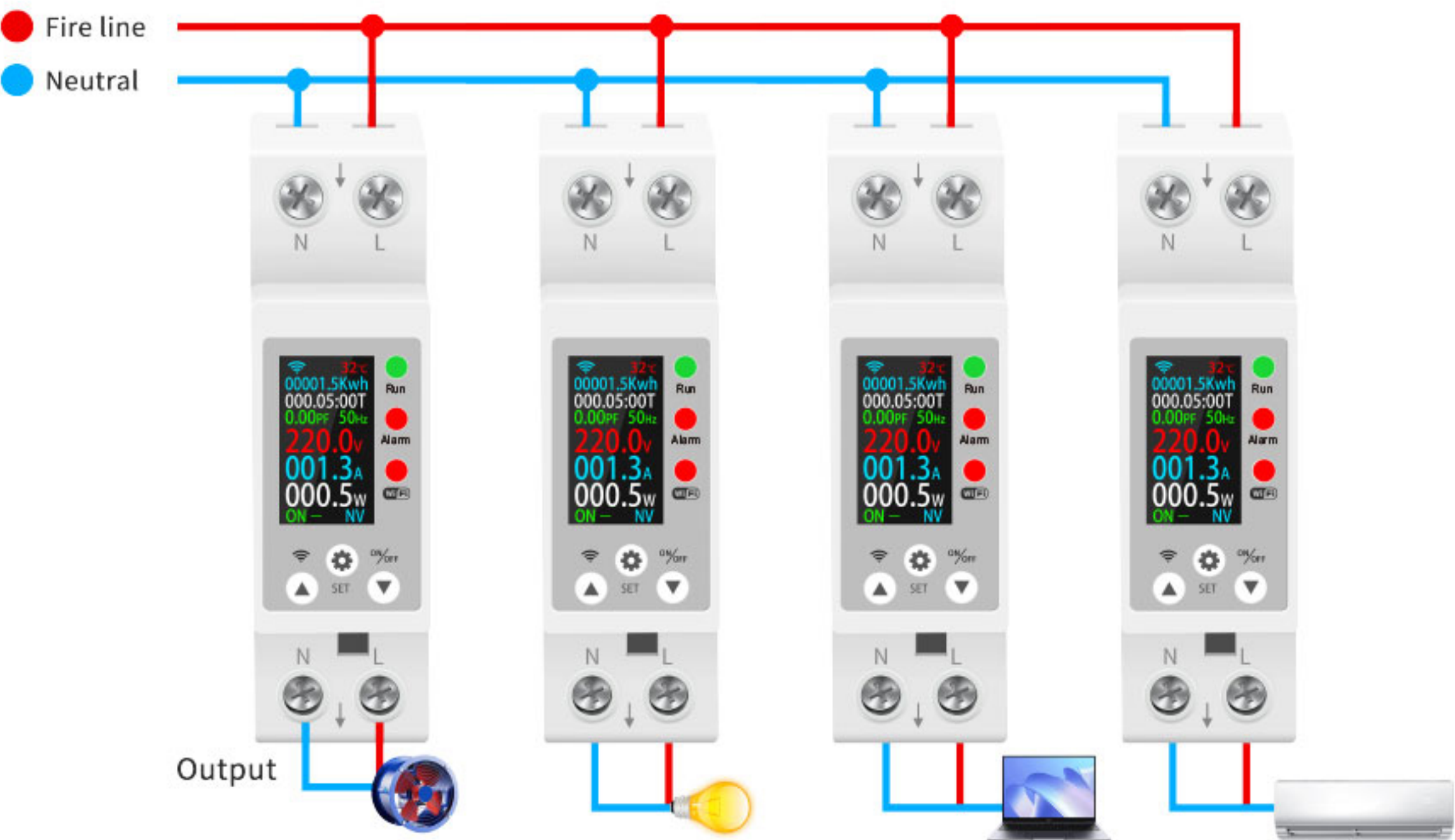
Product Size



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Wiring diagram

This product is suitable for indoor AC power measurement. The current and voltage cannot exceed the c alibration range. Please be sure to connect the wiring correctly.



8

Set function operation

Press the set key for 5 seconds to enter the settings page, give an example of the "Overvoltage Protection" setting, click the ⏸ key cursor to move to the "Overvoltage Protection" position, press the set key to select, press the ⏸ key to adjust to the required value, press the set to save after the adjustment is completed, and press the ⏸ key to select other settings. If you do not need to set it, press the ⏸ key to move the cursor to the exit position, and then press set to return to the home page. The other settings can be the same as the "Overvoltage Protection" setting method.

9

Set function operation

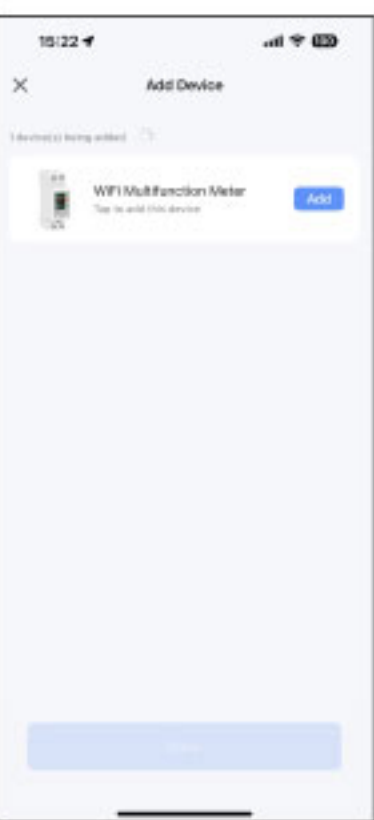
Download Smart Life APP or Graffiti APP Smart Connection

WIFI connection or reset operation method: Long press the wifi key 5-10s wifi indicator light will flash, turn on the phone Bluetooth, then open the Smart Life APP, click "+" in the upper right corner, select "Add Device", wait for the device to scan out the device, click on the device to select the wifi name, enter the password to wait for the device to be added successfully.

A

How to connect to the Internet

Add the device in the motor in the APP, discover the device, and then click the "Add" button to wait for the network connection to be successful



B

Successful connection

After successful network connection,click to complete and enter the main interface



C

Interface display

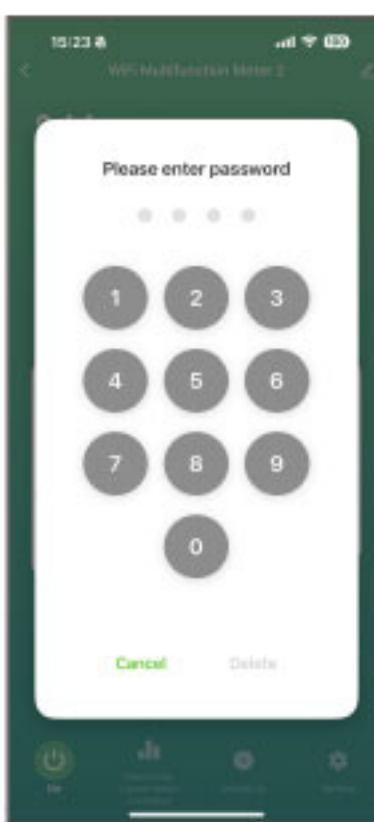
The main interface displays parameters such as electricity consumption, voltage, current, and power.



D

Set password

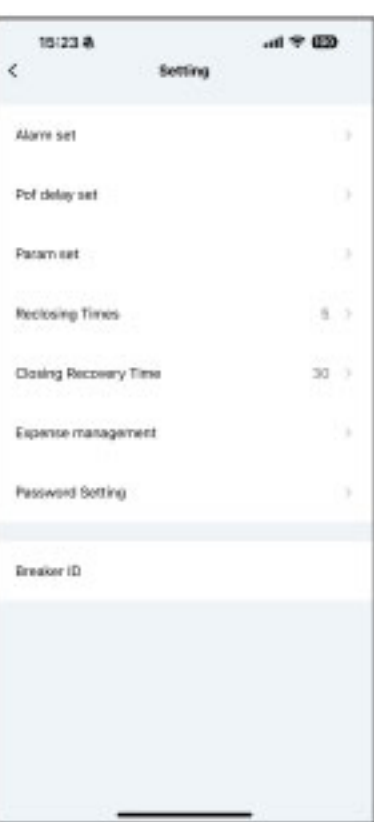
You need to enter a password to view the settings interface, and the default password "0000" can also be modified by yourself.



E

Interface display

The main interface displays parameters such as electricity consumption, voltage, current, and power.



F

Cost Management

You can turn on the prepaid switch by yourself to view the remaining available power, power recharge, recharge records, etc.

