导轨式计量开关使用说明书

KWS-303WF

KWS-303L

KWS-303

功能介绍

KWS-303WF

开关状态

电能
计时
功率因素
状态显示

RS485接口区域
不带485通信，
此区是没有接口

WIFI图标(303L版此区域显示表号)
电压
电流
有功功率

传感器温度

温度传感接口

技术规格

型号	KWS-303WF	KWS-303L	KWS-303
电压范围	AC 85~290V	AC 85~290V	AC 85~290V
电流范围	0~40A	0~40A	0~40A
功率范围	0~12KW	0~12KW	0~12KW
计时范围	99天	99天	99天
电能范围	0-9999Kwh	0-9999Kwh	0-9999Kwh
温度范围	负20~150°C	负20~150°C	负20~150°C
频率范围	50-60HZ	50-60HZ	50-60HZ
功率因数	0.00-1.00PF	0.00-1.00PF	0.00-1.00PF
断电记忆	有	有	有
欠压保护	有	有	有
过压保护	有	有	有
过温保护	有	有	有
定时开关	APP端有	无	无
屏幕亮度	有	有	有
屏幕翻转	有	有	有
电量清零	有	有	有
计时清零	有	有	有
Wi-Fi	有	无	无
曲线图	APP端有	PC端有	无
485通信	无	有	无

- 本产品适用于户内
- 本产品适用于交流电
- 测量电流、电压不可以超出标定范围
- 请务必正确接线

输入

输入

N   L

N   L

KWS-303WF

KWS-303

ON —

ON —

209.0 v

209.0 v

0.023 A

0.023 A

000.0 w

000.0 w

000.000 Kwh

000.000 Kwh

000.00 : 33T

000.00 : 33T

0.00 PF   49 Hz

0.00 PF   49 Hz

32 ℃

32 ℃

ON
OFF   + 🛜   —

ON
OFF   + 🛜   —

NTC

NTC

N   L

N   L

输出

输出

🔵 零线   🔴 火线

APP接网操作

第一步

下载智能生活APP或多种APP智能连接

智能生活APP

涂鸦智能APP

第二步

WIFI连接或者重置操作方式：在主页显示下长按+号键直到屏幕右上角
WIFI标志出现闪烁时再打开手机APP进行连接

步骤一

步骤二

步骤三

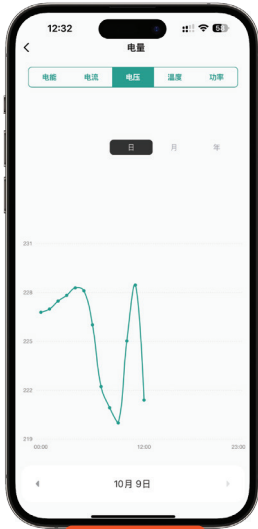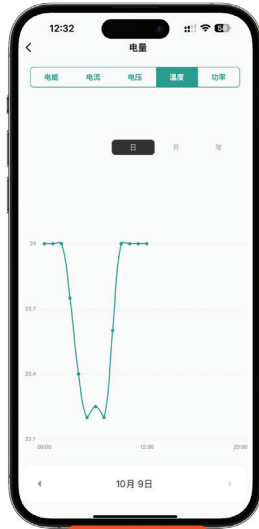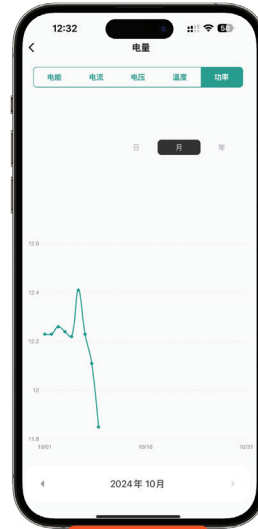步骤四

功能展示

主页显示
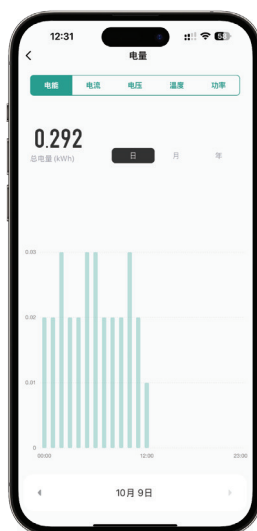
电能统计
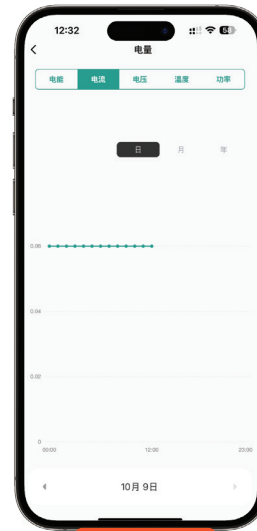
电流统计

电压统计　　　　温度统计　　　　功率统计

操作说明

设置功能操作：长按ON/OFF键5秒进入设置页面。
举例**"过压保护"**如图下

在系统设置页面中，单击-号键光标移动到过压保护位置时，再按ON/OFF键选定后再按+-键调整到你所需要的数值，调整完成后按ON/OFF保存，再按+-键选择其它设置项。如不用设置时，按+键光标移动到退出位置，再按ON/OFF返回到主页。

下面全部设置项，都可以与上面过压保护相同方式设置：欠压保护、过流保护、过载保护、电能保护、过温保护、上电操作、屏幕亮度、屏保时间、屏幕翻转、语言设置、定时关、定时关、计时清零、电能清零、出厂设置。

注意事项

1.使用者应详细阅读和了解使用说明书，并按照使用说明书的要求使用。
2.在安装使用过程中，必须先将电源断开后接线，避免产生触电危险。
3.产品在使用时必须按照场所使用，不能超出产品规格使用参数范围。
4.产品出现异常时，应立即停止使用。
5.非专业人员不得使用工具拆卸电器和变更内部接线。

产品质量三包承诺

1.所有产品全程质保，客户如果发现质量问题，如属于我方的责任，我方负责无条件换货。在服务期间产品质保期为一年。
2.产品不得私自改装与拆装。以及超出产品使用范围。产品在人为损坏后，我方不提供免费换货退货和维修服务？但可以提供收费维修服务，具体收费标准根据产品损坏成度而定。

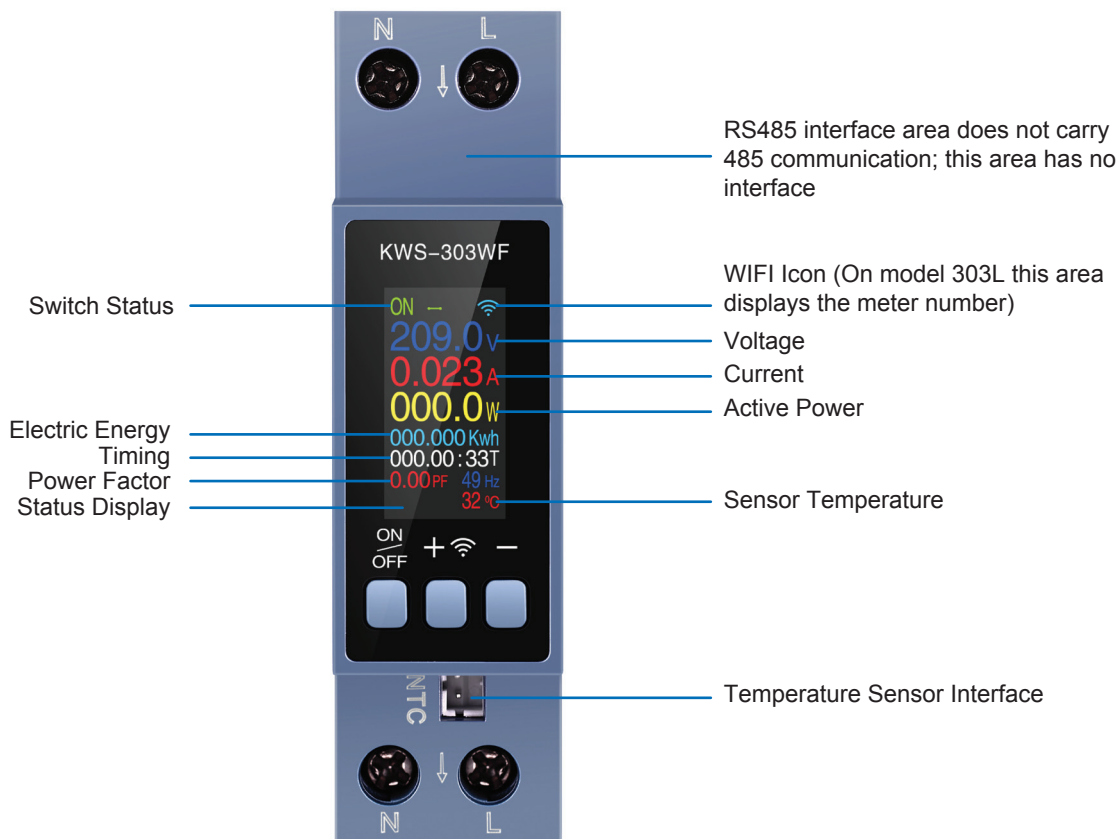# Guide Rail Type Metering Switch Instruction Manual

KWS-303WF

KWS-303L

KWS-303

KWS–303WF

KWS-303L

KWS-303

ON
209.0 V
0.023 A
000.0 W
000.000 Kwh
000.00 : 33T
0.00 PF 49 Hz
32 ℃

ON
OFF   + ⌃ —

Function Introduction

KWS–303WF

Switch Status

Electric Energy
Timing
Power Factor
Status Display

ON
209.0 V
0.023 A
000.0 W
000.000 Kwh
000.00 : 33T
0.00 PF 49 Hz
32 ℃

ON
OFF   + ⌃ —

RS485 interface area does not carry 485 communication; this area has no interface

WIFI Icon (On model 303L this area displays the meter number)

Voltage

Current

Active Power

Sensor Temperature

Temperature Sensor Interface

Technical

Model	KWS-303WF	KWS-303L	KWS-303
Voltage Range	AC 85~290V	AC 85~290V	AC 85~290V
Current Range	0~40A	0~40A	0~40A
Power Range	0~12KW	0~12KW	0~12KW
Timing Range	99 days	99 days	99 days
Energy Range	0-9999Kwh	0-9999Kwh	0-9999Kwh
Temperature Range	-20~150°C	-20~150°C	-20~150°C
Frequency Range	50-60HZ	50-60HZ	50-60HZ
Power Factor	0.00-1.00PF	0.00-1.00PF	0.00-1.00PF
Power-off Memory	Yes	Yes	Yes
Under-voltage Protection	Yes	Yes	Yes
Over-voltage Protection	Yes	Yes	Yes
Over-temperature Protection	Yes	Yes	Yes
Timer Switch	Available in APP	No	No
Screen Brightness	Yes	Yes	Yes
Screen Rotation	Yes	Yes	Yes
Energy Reset	Yes	Yes	Yes
Reset Time	Yes	Yes	Yes
Wi-Fi	Yes	No	No
Curve Graph	Available in APP	Available in PC	No
485 Communication	No	Yes	No

- This product is suitable for indoor use.
- This product is suitable for AC power.
- Please do not exceed the specified measurement range for current and voltage.
- Ensure the wiring is connected correctly.

Neutral   Live

Step 1

Download Smart Life App or various other intelligent connection apps

Use the Smart Life App
or Tuya Smart App

Graffiti Smart APP

Step 2

WIFI Connection or Reset Operation: On the home screen, press and hold the "+" button until the WIFI icon in the top-right corner of the screen starts flashing, then open the mobile APP to connect.

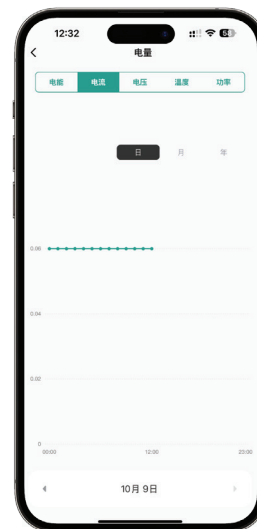Step One

Step Two

Step Three

Step Four

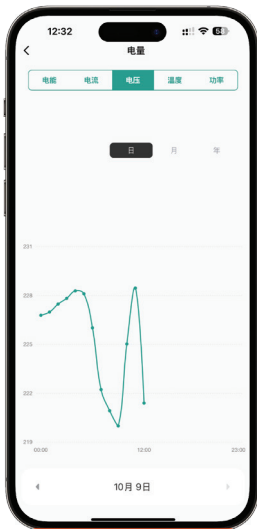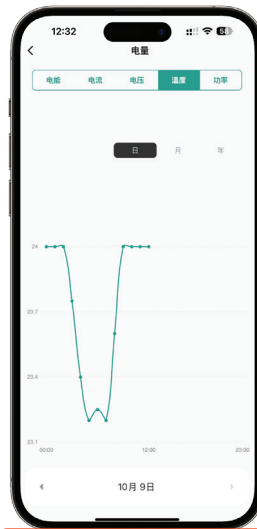## Function Display

Home Screen
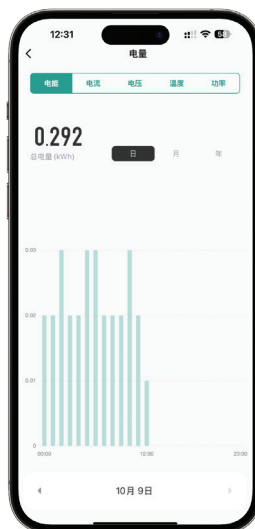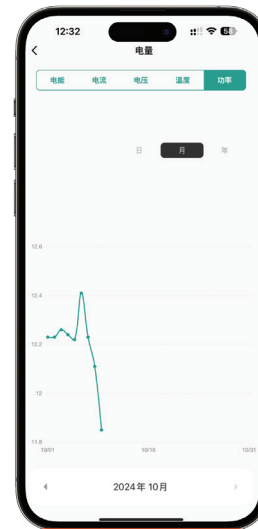

Electric Energy

Current Statistics

Voltage Statistics

Temperature Statistics

Power Statistics

Operating Instructions

To access settings: press and hold the ON/OFF button for 5 seconds to enter the settings page. For example, for "Over-voltage Protection" as shown below:

In the system settings page, click the "-" button to move the cursor to the over-voltage protection option, press the ON/OFF button to select, then press the "+" button to adjust to the desired value. After adjusting, press ON/OFF to save, then press the "+" button to select other settings. If no settings are needed, press the "+" button to move the cursor to the exit option, then press ON/OFF to return to the home page.

All the following settings can be adjusted in the same way as over-voltage protection: under-voltage protection, over-current protection, overload protection, energy protection, over-temperature protection, power-on operation, screen brightness, screen saver time, screen rotation, language setting, timed off, timed off, timing reset, energy reset, factory reset.

Caution

1. Users should read and understand the instruction manual thoroughly and use the product in accordance with the instructions provided in the manual.
2. During the installation process, the power supply must be disconnected before wiring to avoid the risk of electric shock.
3. The product must be used according to the intended location and must not exceed the specified operating parameters of the product specifications.
4. If the product exhibits any abnormal behavior, discontinue use immediately.
5. Non-professional personnel should not use tools to disassemble the electrical device or alter the internal wiring.

Quality Assurance

1. Full warranty is provided for all products. If quality issues are found and they are due to our responsibility, we will unconditionally replace the product. The warranty period for products during the service period is one year.
2. The product must not be privately modified or disassembled, nor should it be used beyond the specified range of use. If the product is damaged due to human causes, we do not offer free replacement, returns, or repair services. However, we can provide paid repair services; the specific charges will be based on the extent of the product damage.