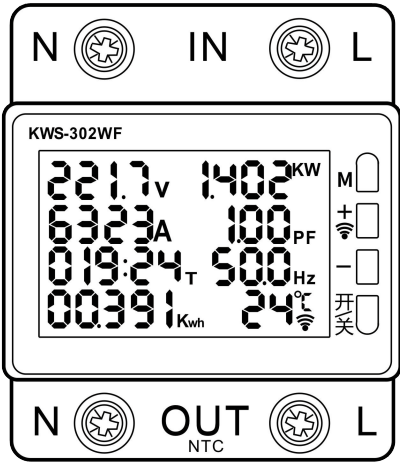
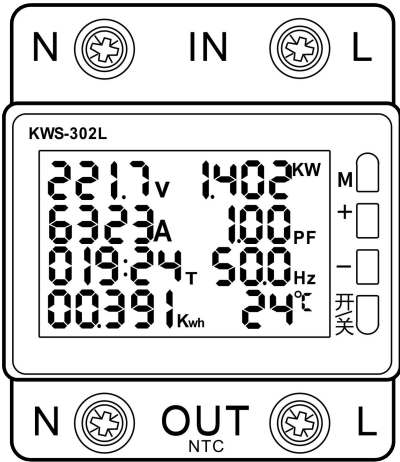


高清彩屏多功能交流电能表安装说明书

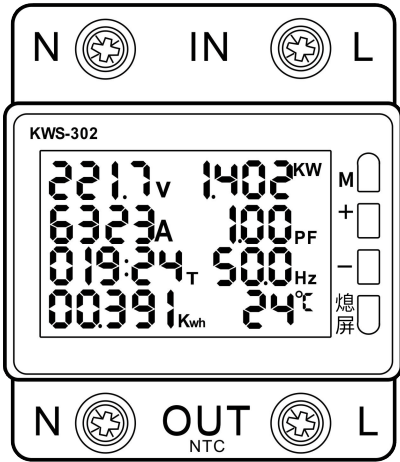
KWS-302WF



KWS-302L



KWS-302



技术规格

型号	KWS-302WF	KWS-302L	KWS-302
电压范围	170~270V	170~270V	170~270V
电流范围	0~63A	0~63A	0~63A
功率范围	0~17KW	0~17KW	0~17KW
计时范围	0-999小时	0-999小时	0-999小时
电能范围	0-9999Kwh	0-9999Kwh	0-9999Kwh
温度范围	负20~150℃	负20~150℃	负20~150℃
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	无
过压保护	有	有	无
WIFI	有	无	无

App安装及使用



步骤一



步骤二



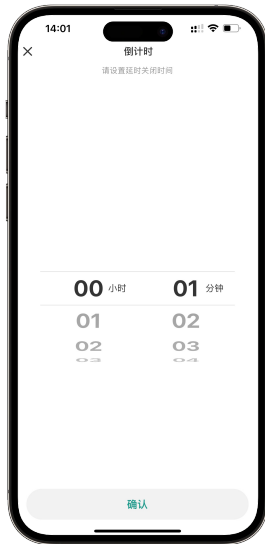
步骤三



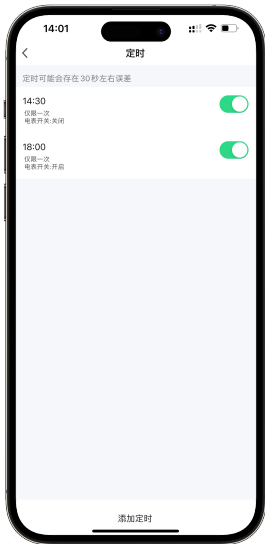
步骤四



步骤五



步骤六



步骤七



步骤八



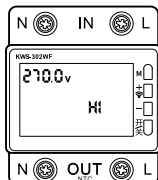
步骤九

SET + - OFF/NO

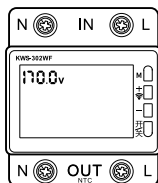
WIFI连接：长按“+”键5S以上，WIFI符号闪烁，同时打开手机涂鸦软件，添加设备开始连接。

清除电能、运行时间：运行界面下长按“-”键，进入电能，运行时间清除模式。再按“+”键切换电能与运行时间清除选项，同时被选中项闪烁。按“M”键清除。再长按“-”键返回运行模式，5S无按键操作自动返回运行界面

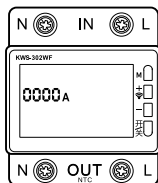
长按M键3秒进入设置显示如下：



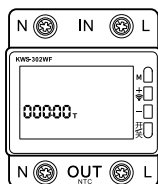
1：过压断电保护设置，按M显示如下：270.0V HI 按+ -调节(//1V)
短按一次加减1V，长按快速累加或减少270.0V 默认为出厂值



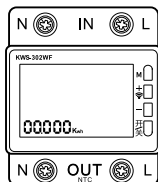
2：欠压断电保护设置，再按M显示如下：170.0V LO 按+ -调节(//1V)
短按一次加减1V，长按快速累加或减少170.0V 默认为出厂值



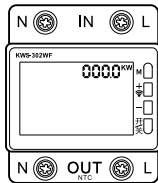
3：为过流断电保护设置，再按M显示如下：0.000A 按+ -调节(//1A)
短按一次加减0.001A,长按快速累加或减少。0默认常关



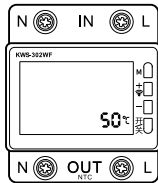
4：定时断电保护设置，再按M显示如下：000：00T 按+ -调节（短按一次为30分钟）长
按快速累加或减少。0默认常关



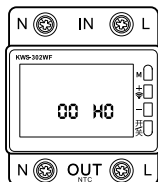
5：过电量断电保护设置，再按M显示如下：00000KWH ，按+ -调节(//1度)
短按一次加减0.001KWH，长按快速累加或减少。0 KWH默认常关



6：过功率断电保护设置，再按M显示如下：0W 按+ -调节(//10W)
短按一次加减0.1W，长按快速累加或减少0W默认常关



7：过温断电保护设置，再按M显示如下：过温断电保护50°C 按+ -调节(1°C)
短按一次加减1°C，长按快速累加或减少。50°C默认为出厂值

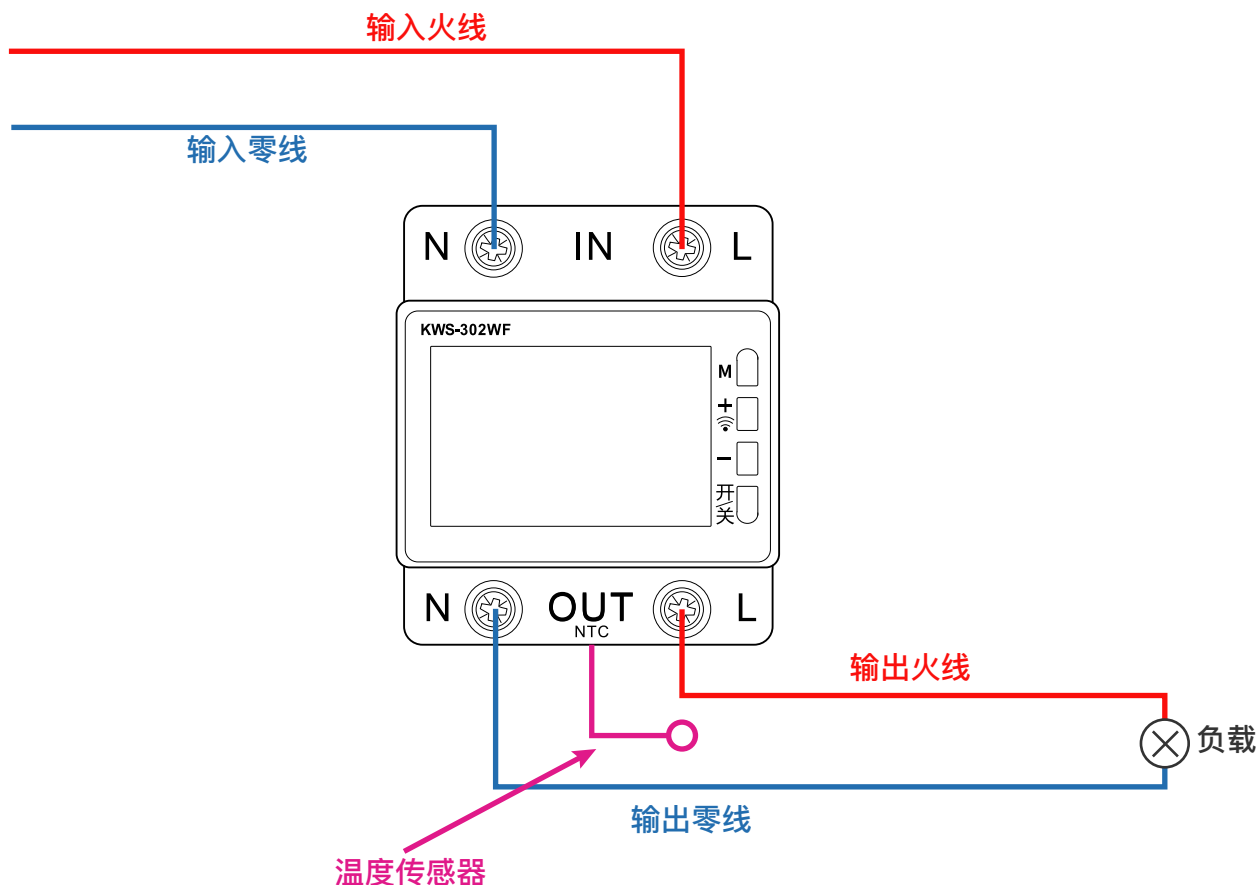


8：屏幕休眠设置，再按M显示如下：HO 0 按+ -调节(//1分钟)
短按一次加减1分钟，长按快速累加或减少0为常关 1-60分钟

9：在设置界面，无任何按键操作超过5S，跳回到运行界面

10：恢复出厂设置：同时按住+-按5秒重置所有设置值。

接线图



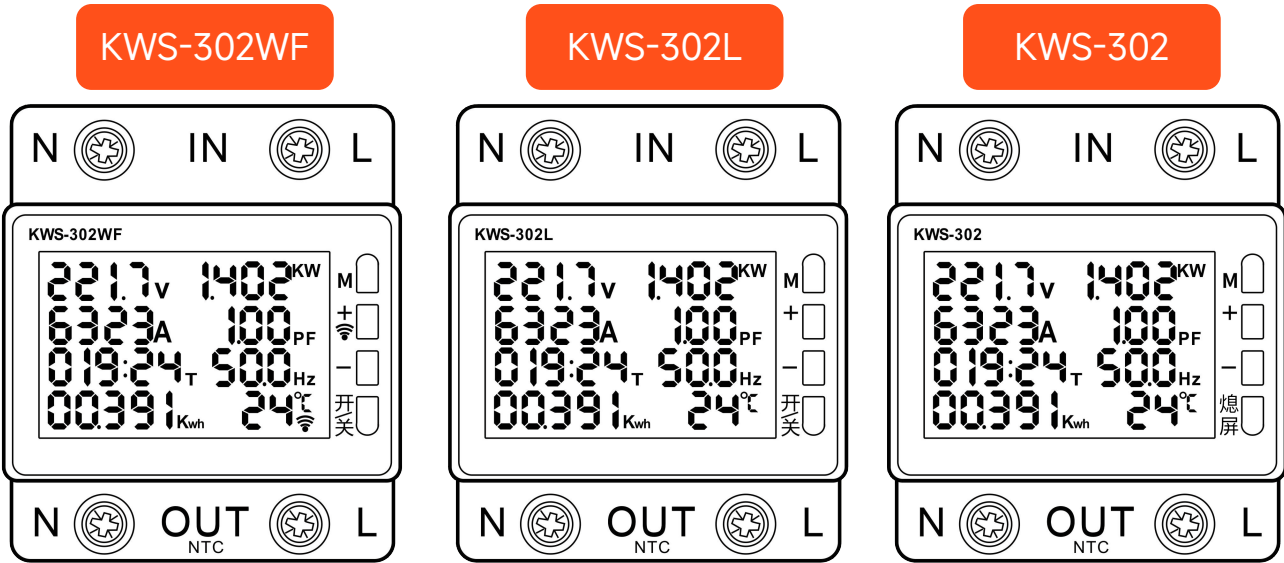
注意事项

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。

HD colour screen multifunctional AC energy meterinstallation instructions



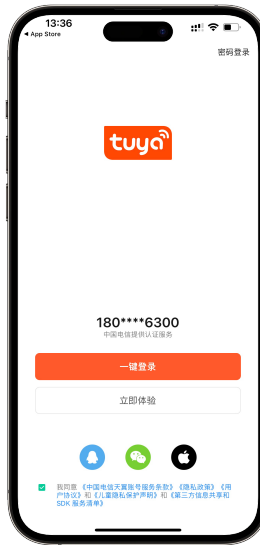
Technical specifications

Model	KWS-302WF	KWS-302L	KWS-302
Voltage range	170~270V	170~270V	170~270V
Current range	0~63A	0~63A	0~63A
Power range	0~17KW	0~17KW	0~17KW
Timing range	0-999Hrs	0-999Hrs	0-999Hrs
Electricity range	0-9999Kwh	0-9999Kwh	0-9999Kwh
Temperature range	minus 20~150℃	minus 20~150℃	minus 20~150℃
Frequency range	50-60HZ	50-60HZ	50-60HZ
Power Factor	0.00-1.00PF	0.00-1.00PF	0.00-1.00PF
Power failure memory	Yes	Yes	Yes
Undervoltage protection	Yes	Yes	None
Over-voltage protection	Yes	Yes	None
WIFI	Yes	No	None

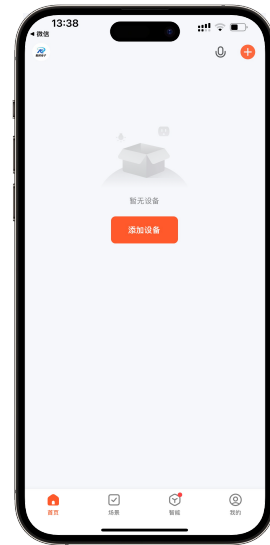
App installation and use



Step 01



Step 02



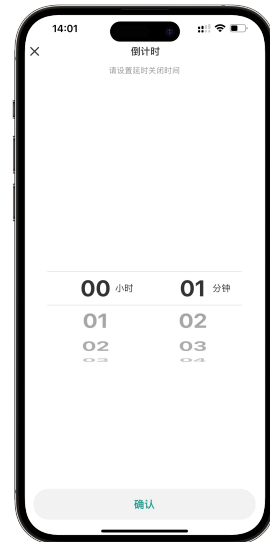
Step 03



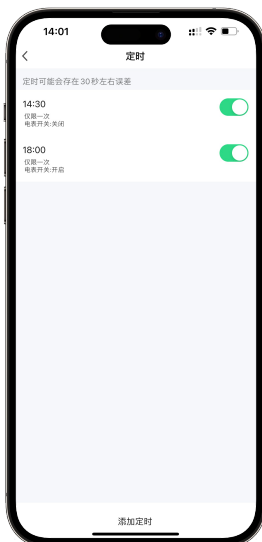
Step 04



Step 05



Step 06



Step 07



Step 08



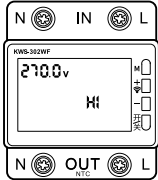
Step 09

SET +-OFF/NO

WIFI connection: Press and hold the "+" key for more than 5S, the WIF1 symbol flashes, while opening the mobile phone graffiti software, add the device to start the connection.

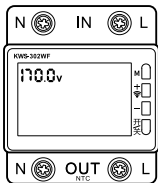
Clear power and running time: Press and hold the "-" key under the running interface to enter power and running time clear mode. Press the "+" key again to switch between power and runtime clearing options, while the selected item flashes. Press the "M" key to clear. Press and hold the "-" key again to return to the operating mode. 5S without key operation automatically returns to the operating interface.

Press and hold the M button for 3 seconds to enter the settings display as follows



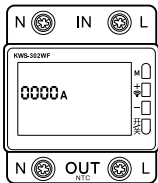
1: Over-voltage cut-off protection setting, press M to display as follows: 270.0VHI press +- to adjust (//1V)

Short press once to add or subtract 1V, long press to quickly add or subtract 270.0V default value for factory



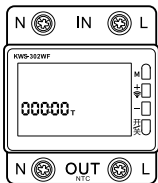
2: Under voltage cut-off protection setting, press M again to display the following: 170.0VLO Press +- to adjust (//1V)

Short press once to add or subtract 1V, long press to quickly add up or subtract 170.0V default for factory value



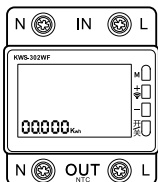
3: For overcurrent cut-off protection setting, press M again to display as follows: 0.000A Press +- to adjust (//1A)

Short press once to add or subtract 0.001A, long press to quickly add or subtract. 0 default is always off



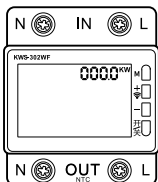
4: Timer power-off protection setting, press M again to display as follows: 000:00T Press +- to adjust (short press once for 30 minutes)

Long press to quickly totalize or reduce. 0 default is always off



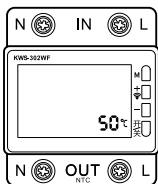
5: Over power off protection setting, press M again to display the following: 00000KWH, press +- to adjust (// 1 degree)

Short press once to add or subtract 0.001KWH, long press to quickly add or subtract. 0KWH default is always off



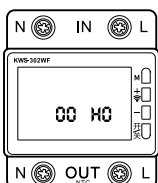
6: Over power cut-off protection setting, press M again to display as follows: 0W press +- to adjust (//10W)

Short press once to add or subtract 0.1W, long press to quickly add or subtract 0W default is always off



7: Over-temperature cut-off protection setting, press M again to display the following: Over-temperature cut-off protection 50°C by +-adjustment (1°C)

Short press once to add or subtract 1°C, long press to quickly add or subtract. 50°C default is factory value



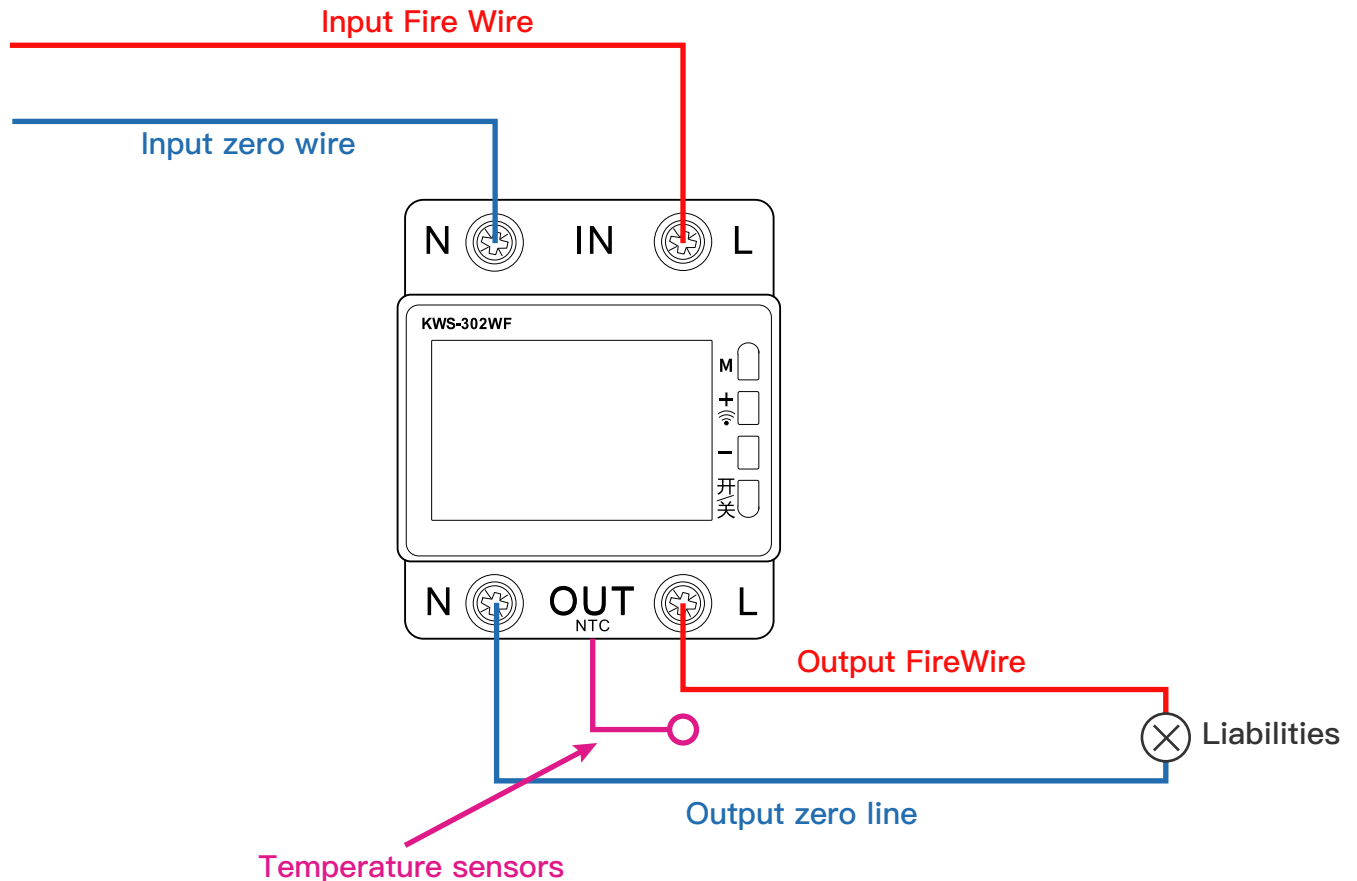
8: Screen hibernation setting, press M again to display as follows: H00 Press +- to adjust (// 1 minute)

short press once plus or minus 1 minute, long press to quickly accumulate or reduce 0 for often off 1-60 minutes

9: In the setting interface, without any key operation more than 5S, jump back to the operation interface

10: Restore factory settings: press and hold +- at the same time to reset all settings for 5 seconds.

Wiring diagram



Cautions

1. The user should read and understand the operating instructions in detail and use them in accordance with the requirements of the operating instructions.
2. In the process of installation and use, the power supply must be disconnected before wiring to avoid the risk of electric shock.
3. The product must be used in accordance with the place of use and must not exceed the parameters of the product specifications for use.
4. If the product appears abnormal, stop using it immediately.
5. Non-professionals must not use tools to disassemble the appliance or change the internal wiring.

Three guarantees of product quality

1. All products are guaranteed for the entire period. If the customer finds quality problems, we are responsible for unconditional exchange if they are our responsibility. During the service period the products are guaranteed for one year.
2. The products shall not be modified or disassembled by ourselves. The product may not be modified or disassembled by the customer, nor may it be used beyond the scope of the product. We do not provide free exchange or repair services for products that have been damaged by man? However, we can provide repair services for a fee, depending on the degree of damage to the product.