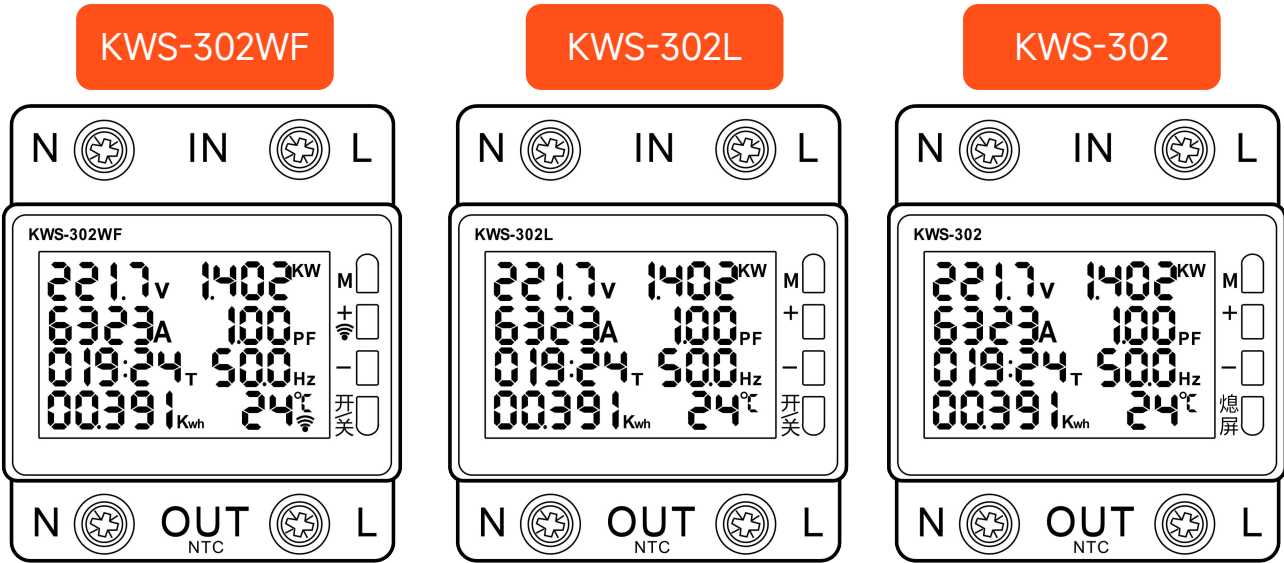


HD colour screen multifunctional AC energy meterinstallation instructions



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

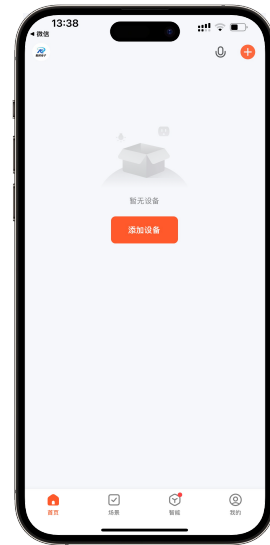
App installation and use



Step 01



Step 02



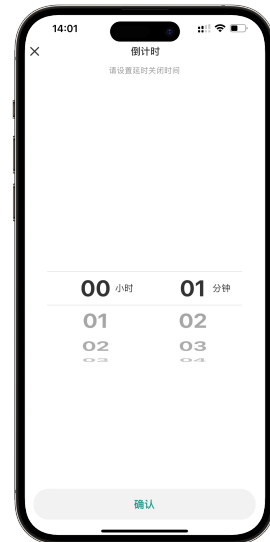
Step 03



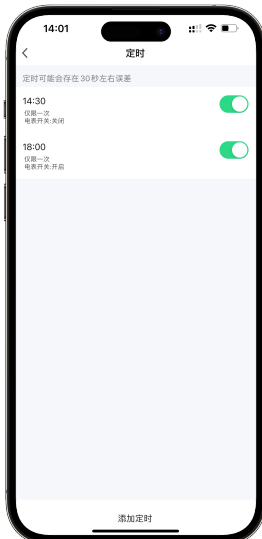
Step 04



Step 05



Step 06



Step 07



Step 08



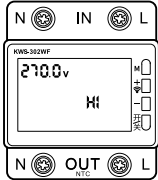
Step 09

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.

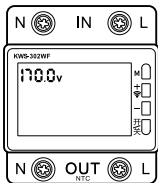
Clear power and running time: Press and hold the "-" key under the running interface to enter power and running time clear mode. Press the "+" key again to switch between power and runtime clearing options, while the selected item flashes. Press the "M" key to clear. Press and hold the "-" key again 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



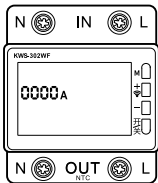
1: Over-voltage cut-off protection setting, press M to display as follows: 270.0VHI press +- to adjust (//1V)

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



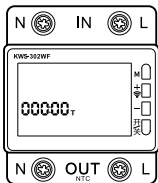
2: Under voltage cut-off protection setting, press M again to display the following: 170.0VLO Press +- to adjust (//1V)

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



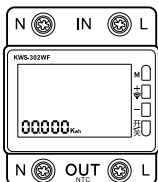
3: For overcurrent cut-off protection setting, press M again to display as follows: 0.000A Press +- to adjust (//1A)

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



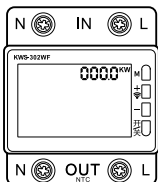
4: Timer power-off protection setting, press M again to display as follows: 000:00T Press +- to adjust (short press once for 30 minutes)

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



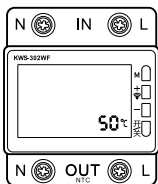
5: Over power off protection setting, press M again to display the following: 00000KWH, press +- to adjust (// 1 degree)

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



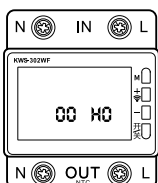
6: Over power cut-off protection setting, press M again to display as follows: 0W press +- to adjust (//10W)

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



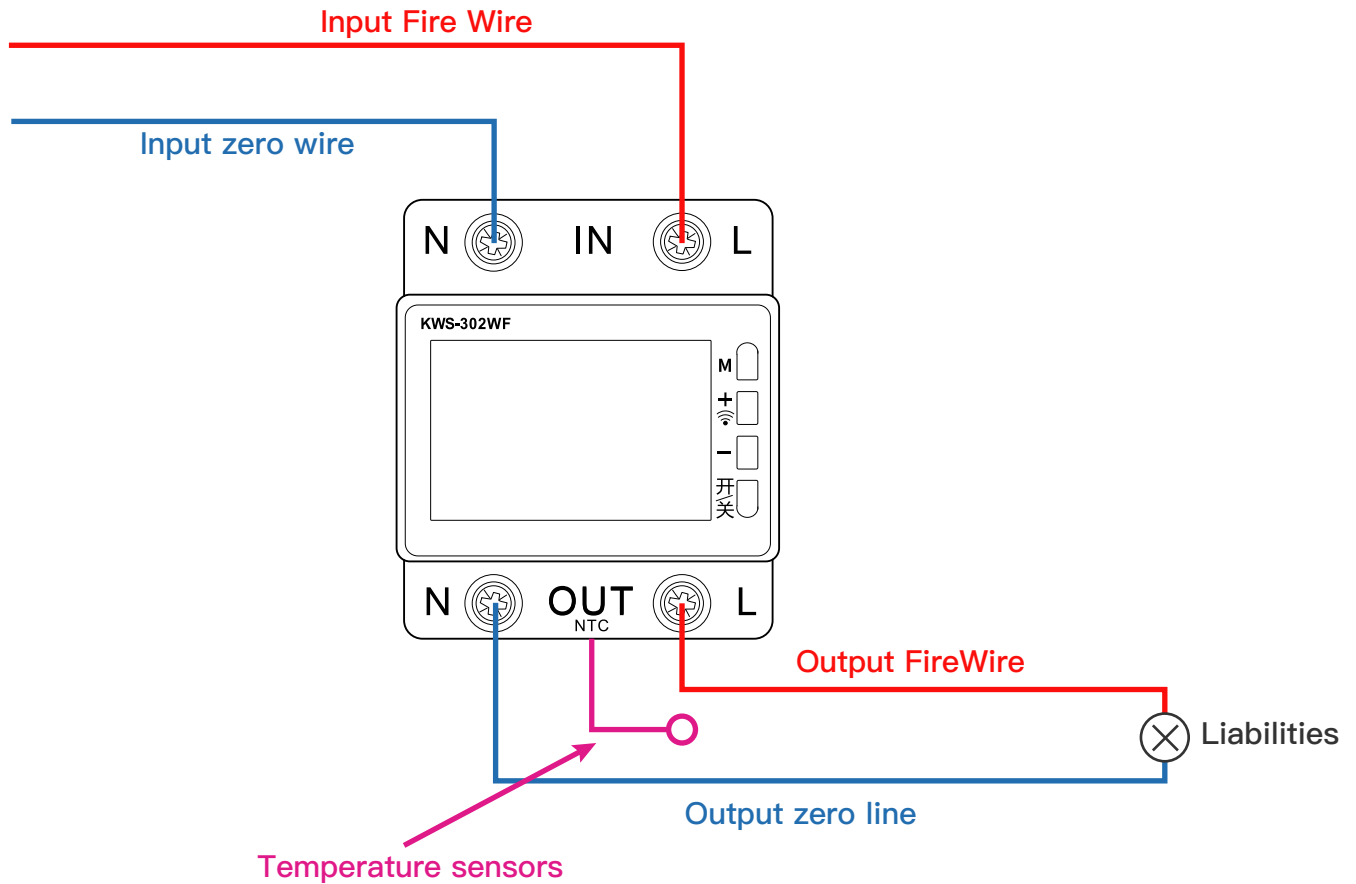
8: Screen hibernation setting, press M again to display as follows: H00 Press +- to adjust (// 1 minute)

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.