

ER4100WM Operating Instructions

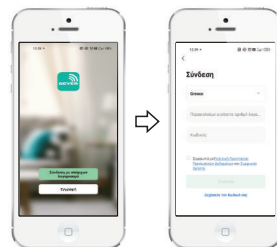
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1. Download and Install App by Mobile

Connect your phone to local wifi first.
Use your phone to scan any one of the QR code below to Download and install the App or download the **GEYER Smart** app from Play store or App store.



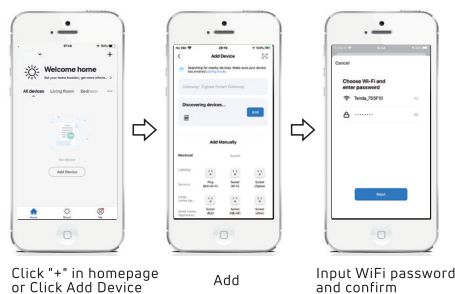
2. Register Account



3. Add New Device

Connect the products with the power 100-250VAC, the details connection diagrams please find it in this Instruction page 4

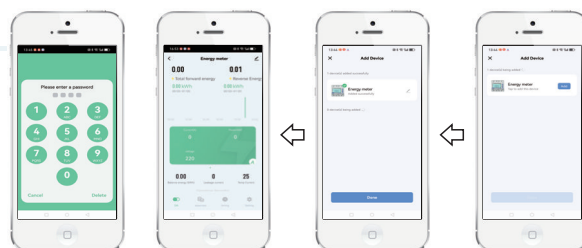
Press and hold the  button for about 10 seconds until the Led blinks fast.



Click "+" in homepage or Click Add Device

Add

Input WiFi password and confirm



Password: 0000

Click Done

4. Set time programs



Click "Timer" in the home page

Select "Schedule" on the home page, Click "Add Schedule"

Set the time: Hour and Minute, Set the Date

Click "Switch1" to set the switch ON or OFF

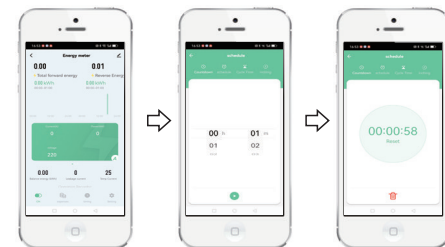
Select ON or OFF, then confirm, and save.

Can add schedule more

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5. Count down

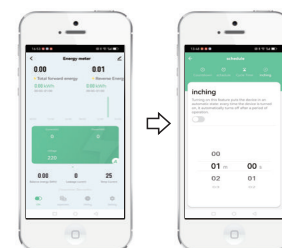


Click "Timer" in the home page

Select "Countdown" on the home page, set the Hour and Min. click  to start.

The timer will be ON or OFF, after seted time

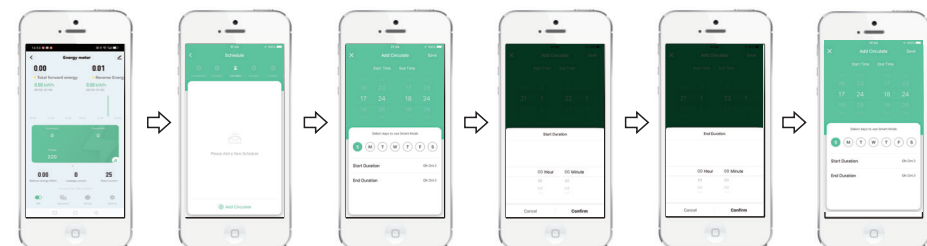
6. Inching Function



Click "Timer" in the home page

Select "Inching" on the home page, Click  to turn on this function.

7. Circulate Function



Click "Timer" in the home page

Select "Circulate" on the home page, Click "Add Circulate"

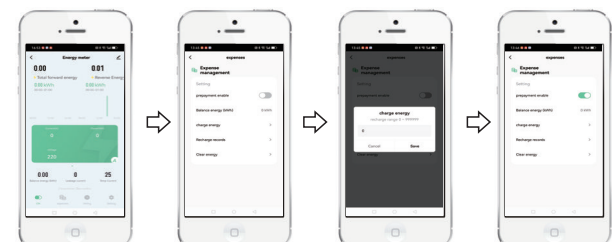
Set the Start Time and End Time, set Hour and Min, select the Date

Set Start Duration set Hour and Min. and Confirm

Set End Duration set Hour and Min. and Confirm

Click "Save" in the upper right corner

8. Expenses Function



Click "Expenses" in the home page

Click "prepayment enable" to open this functions

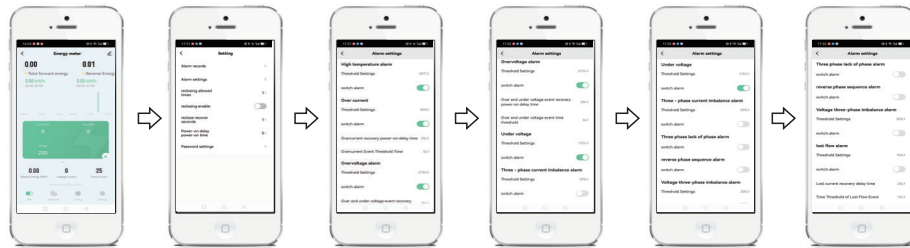
Charge the energy

When the load finished charged energy, the meter will stop the load

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9. Alarm Settings



Click "Setting" in the home page

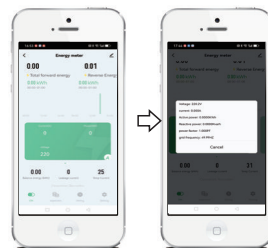
Click "Alarm settings"

Click "Alarm settings", can set High Temperature alarm, Over Current alarm, Over Voltage alarm, Under Voltage alarm, Three-phase Current Imbalance alarm, Three Phase Lack of phase alarm, Reverse Phase Sequence alarm, Voltage Three-phase Imbalance alarm, Three Phase Lack of Phase alarm, Lost Flow alarm, Lost Current Delay Time, Time Threshold of Lost Event

10. Meter Function



In the App can display:
Total forward energy (kWh)
Reverse energy (kWh),
Current Ele (mA),
Current Power (W),
Current Voltage (V),
Balance energy (kWh)
Leakage current
Temp Current



Enter each Line details Can display:
Voltage(V)
Current(A)
Active power(kWh)
Power factor(PF)
Grid frequency(Hz)

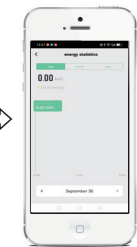
Click "A or B, C" in the home page

When the measured power is less than 3 W, then the App display of Current Power(W) and Current Ele(mA) are "0", but consumption of electricity accounting into the accumulation.

11. Energy statistics



Click the Total Floward energy

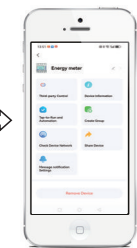


Can check every Day, Every month, and one Year Energy

12. Modify Device Name



Click this mark in the upper right corner



Click this mark in the upper right corner



Click "Name"



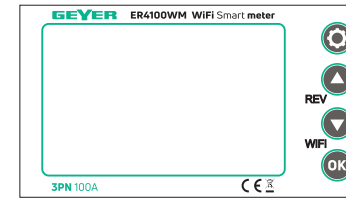
Change the name, and confirm

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13. Meter Usage

schematic diagram

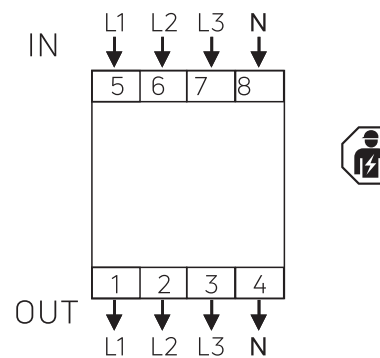


- Display the "Voltage" interface: Long press the circular button and hold to configure WiFi, and switch the display to EPS (Combined active power), long press the circular button and hold to clear the power, and display the "Frequency Interface" Restore factory configuration.
- Press the circular button and the circular button to switch and display the voltage, current, and power of the three phases Power factor, frequency.

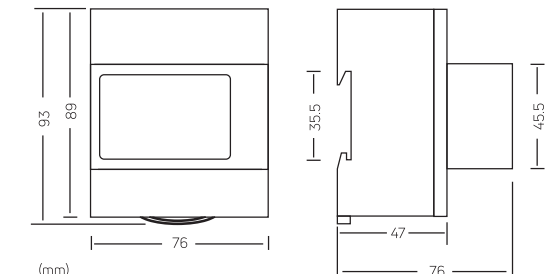
14. Specification

- Rated Voltage: 100-240VAC 50-60HZ
- Rated Current: 100A 250VAC(Cosφ=1)
- Contact Configuration: 1NO(SPST-NO)
- WiFi Frequency: 2.4GHz
- Mounting: DIN RAIL 35 mm(EN60715)
- Ambient temperature range: -10°C...+60°C
- Can set 30 ON/OFF programs per day or per week.
- Count down time, from 1 Min to 23 hours & 59 Mins.
- If the product is disconnected from the network, the timer retains all programs set up Mobile App and works according to the set programs.
- With the memory function, When the product contact is in the close state, after the power failure, and then call, the product contacts still keep the close state.
- Can be share with 20 users by Mobile App.
- Over voltage protection, undervoltage protection, overload protection, under current protection, delay protection, Time protection, voltage imbalance protection, current imbalance protection, shortage Phase protection and phase sequence protection, each parameter can be set with action threshold and on/off.
- The back light display shows no action for 180 seconds and the relay is disconnected with a red back light
- Normal white back light

15. Connection Diagrams



16. Dimensions



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