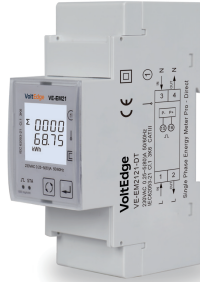


VoltEdge

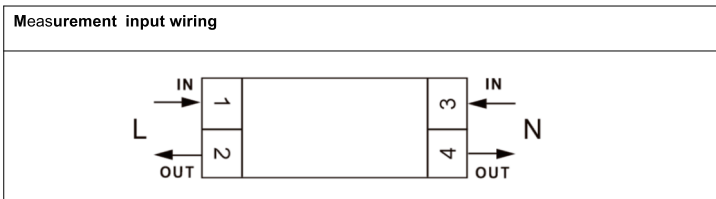
Single-phase multifunction energy meter

VE-EM21 Series

User Guide V1.0



2.1. Wiring Diagrams



3.1. Network config operation

Step 1: After completing the wiring according to the wiring diagram of the meter, then power on the meter.

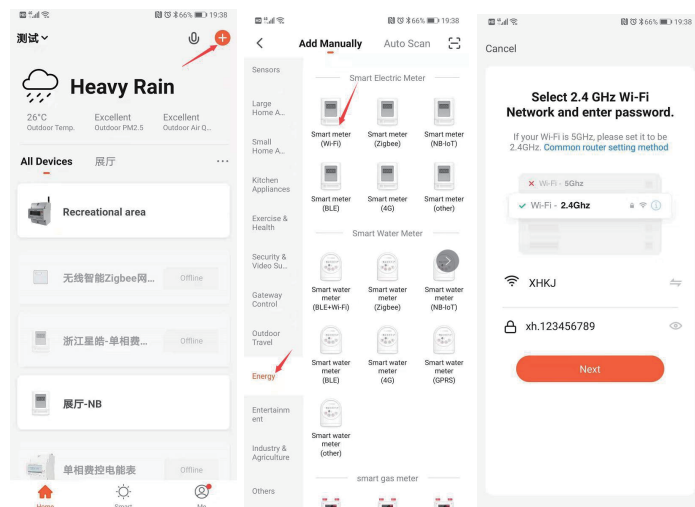
Step 2: Connect the phone's WIFI to the router that the meter needs to connect (make sure 2.4G WIFI, will otherwise cause subsequent config network failure).

Step 3: Open the Tuya smart APP, and click the Add Device button to select "Smart Meter (WIFI)" in the "Energy" category.

Step 4: Verify whether the name and password of the WIFI hotspot prompted on the mobile phone interface belong to the target router needing to be connected. After confirming the information, click the "Next" button to operate according to the prompts to complete the operation of the distribution network.

Note: During network config, you are advised to enable bluetooth for your mobile phone to improve the smooth network config.

Example:



3.2. Button definition description

Button	Definition	Click	Press 3 second
	Button 1 Esc/scroll	Scroll the page of the displayed page	1. In the main display screen: enter or exit the auxiliary screen. 2. In the setting screen: exit or return to the previous screen.
	Button 2 confirm/shift	In the setting screen: right move the setting cursor	1. In the main display screen: enter the setting mode 2. In the setting screen: enter the setting state or carry out confirmation operation 3. In the auxiliary screen: reset WiFi

Appendix A – Failure code reference table

NO.	Fault Code	Fault Description
1	Err - 01	Relay cannot be disconnected fault
2	Err - 02	The battery voltage is too low
3	Err - 03	1. Relay cannot be disconnected fault 2. The battery voltage is too low
4	Err - 04	WiFi module fault
5	Err - 05	1. Relay cannot be disconnected fault 2. WiFi module fault
6	Err - 06	1. The battery voltage is too low 2. WiFi module fault
7	Err - 07	1. Relay cannot be disconnected fault 2. The battery voltage is too low 3. WiFi module fault

