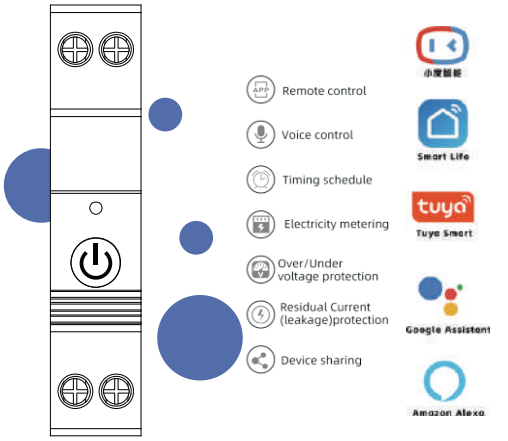
# WiFi / zigbee Over-Under Voltage Protector Energy Meter

# User Manual




## Image corresponding table parameters



Remotely control the power on and off via your mobile phone anytime, anywhere.Automatic reclosing switch. Meter prepayment, overvoltage protection, undervoltage protection, overcurrent protection, leakage protection, temperature protection, timing, countdown, cycle timing, inching switch, hourly-year electricity consumption, prepaid Password management* Multiple devices and APPs can be set (voltage 80-300V, suitable for use in multiple countries)

（√Indicates that this function is available）（X Indicates that this function is not available）

| T | J | JT | JL | JLS | DJ | Function | ·You can set overvoltage/undervoltage/overcurrent/leakage current in the application, or you can set thefollowing parameters in Protector - |
|---|---|---|---|---|---|---|---|
| √ | √ | √ | √ | √ | √ | ON/OFF、Timing | 1. Four timing modes: timing mode/countdown mode/cycle timing/jog switch (30 sets of timing settings) |
| √ | √ | √ | √ | √ | √ | Reclosing | 2.Automatic re-closer APP (ON/OFF) |
| X | √ | √ | √ | √ | √ | Metering (Prepaid function) | 3. Users can recharge their electricity through the APP (prepaid function). Once this function is activated, the device will automatically shut down after the recharged electricity is used up |
| X | X | √ | √ | √ | √ | under voltage (adjustable) | 4. Under voltage protection 80V-210V (adjustable) (default: 175V) (this parameter is only set on the App)(ON/OFF) |
| X | X | √ | √ | √ | √ | Over voltage(adjustable) | 5. Overvoltage protection 120V-300V (adjustable) (default: 275) (this parameter is only set on the App)(ON/OFF) |
| X | √ | √ | √ | √ | √ | Over current(adjustable) | 6. Overcurrent protection 1.0A-63A (accuracy 0.1A) (adjustable) (default: 63A) (this parameter is only set onthe App)(ON/OFF) |
| √ | √ | √ | √ | √ | √ | Reclosing time(adjustable) | 7. Reconnection time (delay time): 10s-99s (default: 10s) (this parameter is only set on the App)(ON/OFF) |
| √ | √ | √ | √ | √ | √ | Reclosing times (adjustable) | 8. Overcurrent and leakage protection time: 1-30 off (default value: 5) This function can be turned off (thisparameter is only set on the App) |
| X | X | X | X | √ | √ | Photovoltaic bidirectional metering | 9. View the electricity input from photovoltaic power generation to the State Grid * The APP can view theelectricity generation input to the State Grid at the time, day, month, and year |
| X | X | X | √ | √ | √ | Leakage current(adjustable) | 10. Leakage protection: 10-99mA (default: 50mA), this function can be turned off (this parameter is only set on the App)(ON/OFF)" |
| √ | X | √ | √ | √ | √ | Temperature (adjustable) | 11. Over temperature protection: 10-85 (this parameter is only set on the App)(ON/OFF) |
| X | X | X | X | X | √ | Over current delay(adjustable) | 12.Over current delay(adjustable)(delay time): 1s-15s (default: 1s) (this parameter is only set on the App)(ON/OFF) |
| X | X | X | X | X | √ | Loss of current delay(adjustable) | 13.Loss of current delay(adjustable)(delay time): 1s-15s (default: 1s) (this parameter is only set on the App)(ON/OFF) |

**Remote control can be turned on/off by phone from anywhere at anytime.Review current, power, voltage, leakage current, te mperature, number of faults, total battery capacity, and rechar ge capacity on your phone.You can set overvoltage/undervolta ge/overcurrent/leakage current in the application, or you can s et the following parameters in Protector .**

## HOW TO ADD DEVICE TO APP

1.Use Your smart phone to scan QR codes,or search "smart Life""Tuya Smart"app in Google play or APP store to download and install

2.Create an account with your mobile number

3.Connect you mobile to your wi-fi router. Click"+" in the upper right conner of homepage or click "Add device "then select breaker "Switch module(Wi-Fi)" from "Energy",long press WIFI button for 5 seconds, after see quick flash, open app to pair

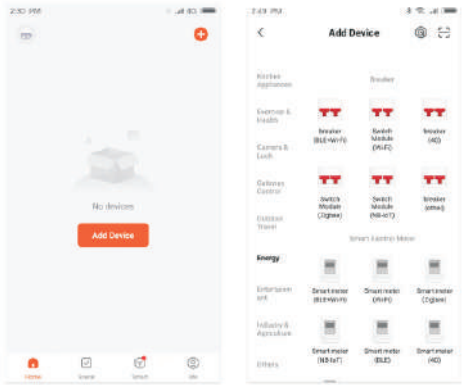
| | |
|---|---|
| network | Tuya Smart |
| Rated voltage | AC110/230V |
| Operating Voltage | AC80V-300V (single phase) |
| working frequency | 50/60Hz |
| APP share | N number of people |
| Install | 35MM guide rail |
| Electrical life | $10^5$ |
| Mechanical life | $10^5$ |
| Protection level | Ip20 |
| pollution level | 3 |
| Altitude | <2000m |
| Working humidity | ≤50% at 40℃ (no condensation) |
| error | 1% |
| >U and <U trip delays | 0.5s |
| reset/start delay | 10s-99s |
| Voltage measurement accuracy | 1% (not exceeding 1% of the total range) |
| Rated insulation voltage | 400V |
| Output contact | 1NO |

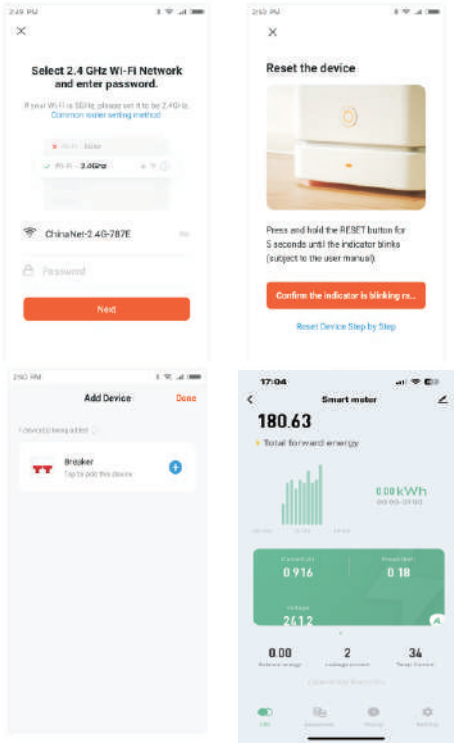
Smart Life

Tuya Smart

ANDROID APP ON Google play

Available on the App Store




## PRODUCT DIMENLION

