

Zigbee WiFi Smart Energy Meter Protector Device User's Manual



Image corresponding table parameters

(√ Indicates that this function is available) (X Indicates that this function is not available)					
					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)
				Function	You can set overvoltage/undervoltage/overcurrent/leakage current in the application, or you can set
√	√	√	√	ON/OFF, Timing	1. Four timing modes: timing mode/countdown mode/cycle timing/jog switch (30 sets of timing)
√	√	√	√	Reclosing	2. Automatic re-closer (ON/OFF)
√	√	√	√	Metering (Prepaid function)	3. Check the electricity input to the State Grid* The APP allows you to view the electricity input to the State Grid in different time periods, days, months, and years (prepayment function)
√	√	√	√	under voltage (adjustable)	4. Under voltage protection 80V-210V (adjustable) (default: 175V) (this parameter is only set on the
√	√	√	√	Over voltage(adjustable)	5. Overvoltage protection 120V-300V (adjustable) (default: 275) (this parameter is only set on the
√	√	√	√	Over current(adjustable)	6. Overcurrent protection 1.0A-63A (accuracy 0.1A) (adjustable) (default: 63A) (this parameter is only
√	√	√	√	Reclosing time(adjustable)	7. Reconnection time (delay time): 10s-99s (default: 30s) (this parameter is only set on the App)
√	√	√	√	Reclosing times (adjustable)	8. Overcurrent and leakage protection time: 1-30 off (default value: 5) This function can be turned
X	X	X	√	Photovoltaic bidirectional metering	9. View the electricity input from photovoltaic power generation to the State Grid * The APP can view the electricity generation input to the State Grid at the day, month, and year
√	√	√	√	Leakage current(adjustable)	10. Leakage protection: 10-99mA (default value: 50mA) (default off state), this function can be turned on or off
√	√	√	√	Temperature (adjustable)	11. Over temperature protection: 10-85 (this parameter is only set on the App) (ON/OFF)
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
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
X	X	X	√	off-delay	14. Device/APP1-999 seconds can be set
X	X	X	√	Time period current setting	15. Time period - AP can be set
√	√	√	√	Power reset	16. Electricity consumption data reset: Long press for 10 seconds, the screen displays 000, press the 2.3 key to it to 111 and then press save, the electricity consumption data will be cleared.
√	√	√	√	Restore to factory settings	17. Restore factory settings: Long press for 10 seconds, the screen displays 000, press the 2.3 key to modify to 222 and then press save, the device will be restored to factory settings.

Remote control can be turned on/off by phone from anywhere at anytime. Review current, power, voltage, leakage current, temperature, number of faults, total battery capacity, and recharge capacity on your phone. You can set overvoltage/undervoltage/overcurrent/leakage current in the application, or you can set the following parameters in Protector .

Note: The default voltage of this product is 220V V. If 110V voltage is used, you need to modify the parameters in the APP settings, and set the overvoltage to 145V and the undervoltage to 90 V. (Without this function, you don't need to set it.)

PRODUCT DIMENSION



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 corner 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°C (no condensation)
Synchronization time between data and device error	Up to 20 seconds (depends on network speed)
>U and <U trip delays	1%
reset/start delay	0.5s
Voltage measurement accuracy	1% (not exceeding 1% of the total range)
Rated insulation voltage	400V
Output contact	1NO

