

WiFi / zigbee Over-Under Voltage Protector Energy Meter

User Manual



- Electricity metering
- Over/Under voltage protection
- Remote control
- Residual Current (leakage) protection
- Voice control
- Device sharing
- Timing schedule

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
√	√	√	√	√	√	ON/OFF, Timing
√	√	√	√	√	√	Reclosing
X	√	√	√	√	√	Metering (Prepaid function)
X	X	√	√	√	√	under voltage (adjustable)
X	X	√	√	√	√	Over voltage (adjustable)
X	√	√	√	√	√	Over current (adjustable)
√	√	√	√	√	√	Reclosing time (adjustable)
√	√	√	√	√	√	Reclosing times (adjustable)
X	X	X	X	√	√	Photovoltaic bidirectional metering
X	X	X	√	√	√	Leakage current (adjustable)
√	X	√	√	√	√	Temperature (adjustable)
X	X	X	X	X	√	Over current delay (adjustable)
X	X	X	X	X	√	Loss of current delay (adjustable)

- You can set overvoltage/undervoltage/overcurrent/leakage current in the application, or you can set the following parameters in Protector -
1. Four timing modes: timing mode/countdown mode/cycle timing/jog switch (30 sets of timing settings)
2. Automatic re-closer APP (ON/OFF)
3. 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 time, day, month, and year (Prepaid function)
4. Under voltage protection 80V-210V (adjustable) (default: 175V) (this parameter is only set on the App) (ON/OFF)
5. Overvoltage protection 120V-300V (adjustable) (default: 275) (this parameter is only set on the App) (ON/OFF)
6. Overcurrent protection 1.0A-63A (accuracy 0.1A) (adjustable) (default: 63A) (this parameter is only set on the App) (ON/OFF)
7. Reconnection time (delay time): 10s-99s (default: 10s) (this parameter is only set on the App) (ON/OFF)
8. Overcurrent and leakage protection time: 1-30 off (default value: 5) This function can be turned off (this parameter is only set on the App)
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 time, day, month, and year
10. Leakage protection: 10-99mA (default: 50mA), this function can be turned off (this parameter is only set on the App) (ON/OFF) *
11. Over temperature protection: 10-85 (this parameter is only set on the App) (ON/OFF)
12. Over current delay (adjustable) (delay time): 1s-15s (default: 1s) (this parameter is only set on the App) (ON/OFF)
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, 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.

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

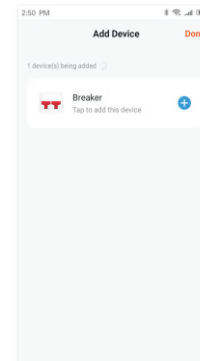
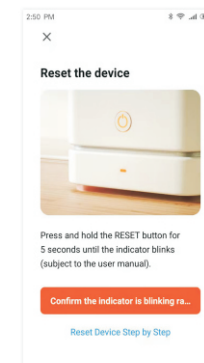
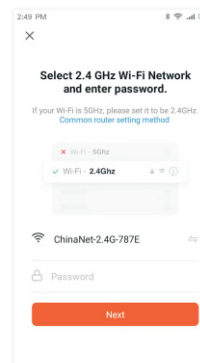
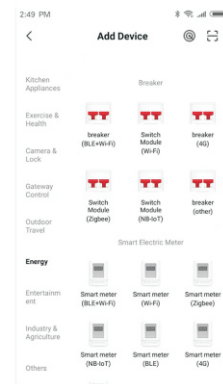
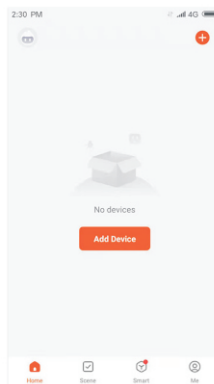
network	Tuya Smart
Rated voltage	AC110/230V
Operating Voltage	AC80V-300V (single phase)
working frequency	50/60Hz
APP share	N number of people
Install	35MM guide rail
Electrical life	10 ⁵
Mechanical life	10 ⁵
Protection level	Ip20
pollution level	3
Altitude	<2000m
Working humidity	≤50% at 40°C (no condensation)
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



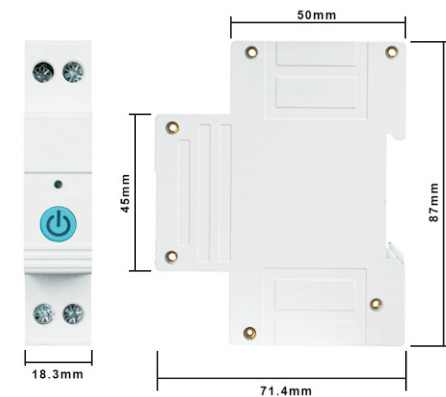
Smart Life



Tuya Smart



PRODUCT DIMENLION



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Wi-Fi/ Zigbee 过欠压保护器能量表
用户手册



远程控制功能可通过手机在任何时间、任何地点开启或关闭。您可以在手机上查看当前的电量、电压漏电流、温度、故障次数、总电池容量以及充电容量。您还可以在应用程序中设置过电压、欠电压、过流和漏电流，或者在保护器中设置以下参数。

如何将设备添加到应用程序

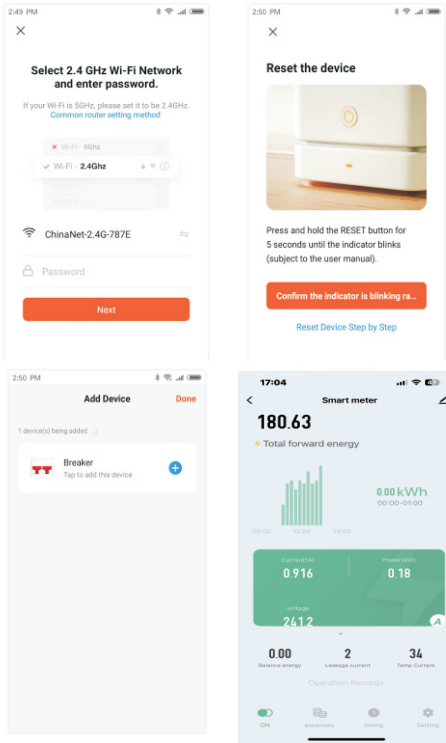
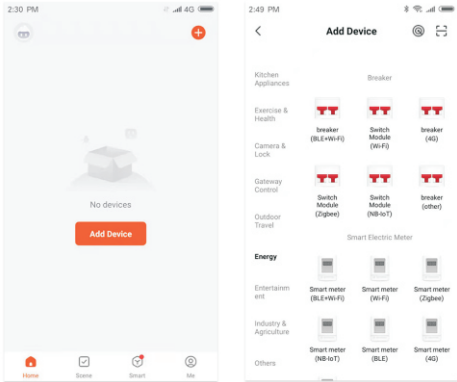
- 1.使用智能手机扫描二维码，或在GooglePlay或APP商店中搜索“智能生活”和“涂鸦智能”应用程序进行下载和安装。
- 2.使用您的手机号码创建账户3.将您的移动设备与您的Wi-Fi路由连接。在主页的右上角点击“+”，或点击“添加设备”然后在能源”中选择“开关模块(Wi-Fi)”。长按Wi-Fi按钮5秒钟，待看到快速闪烁后，打开应用进行配对。

规格 技术 参数

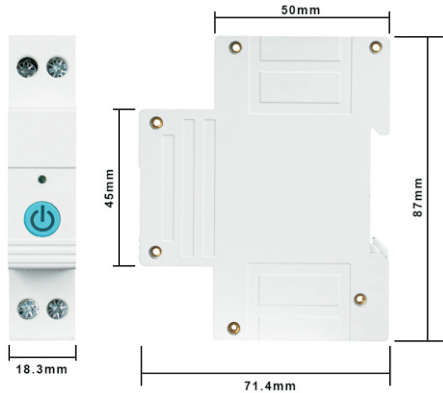
网络	涂鸦智能
额定电压	AC110/230V
工作电压	AC80V-300V(单相)
工作频率	50/60Hz
APP分享	N人数
安装	35MM导轨
电气寿命	10 ⁵
机械寿命	10 ⁵
防护等级	Ip20
污染程度	3
海拔高度	<2000m
工作湿度	40℃时≤50%(无冷凝现象)
误差	1%
>U和<U跳闸延时	0.5s
重置/启动延迟	10s-99s
电压测量精度	1%(不超过总范围的1%)
额定绝缘电压	400V
输出触点	1NO

图像对应表参数

						通过手机随时随地远程控制开关。自动重合开关。电表预付费，过压保护，欠压保护，过流保护，电保护，温度保护，定时，倒计时，循环定时，点动开关，小时-年用电量，预付费密码管理*可设置多个设备和APP（80-300V，适用于多个国家）
						(√表示此功能可用)（X表示此功能不可用）
T	J	JT	JL	JLS	DJ	功能
√	√	√	√	√	√	可以在应用中设置过电压/欠电压/过流/漏电流，或者您也可以在保护器中设置以下参数-
√	√	√	√	√	√	开关.定时
√	√	√	√	√	√	1.四种计时模式:倒计时/定时/循环计时/点动开关(30组计时设置)
X	√	√	√	√	√	自动重合闸
X	X	√	√	√	√	2.自动重新闭合器(开/关)
X	X	√	√	√	√	计量 预付费
X	X	√	√	√	√	3.查看光伏发电向国家电网的电量输入情况*APP可查看各时段、日、月、年向国家电网的电量输入情况(预付费功能)
X	X	√	√	√	√	欠压可设置
X	X	√	√	√	√	4.欠电压保护 80V-210V(可调)(默认: 175V)(该参数仅在 App 中设置)(开/关)
X	√	√	√	√	√	过压可设置
X	√	√	√	√	√	5.防过电压保护 120V-300V(可调)(默认: 275)(该参数仅在App中设置)
√	√	√	√	√	√	过电流可设置
√	√	√	√	√	√	6.过流保护 1A-63A(准确性 A)(可调)(默认值: 63A)(此参数仅在 App 中设置)(开/关)
√	√	√	√	√	√	重合闸时间可设置
√	√	√	√	√	√	7.重新连接时间(延迟时间):10秒-99秒(默认: 30秒)(该参数仅在App中设置)(开/关)
√	√	√	√	√	√	重合闸次数可设置
√	√	√	√	√	√	8.过流和漏电保护时间:1-30秒(默认值:5)此功能可被关闭(该参数仅在App中设置)(开/关)
X	X	X	X	√	√	双向光伏计量
X	X	X	√	√	√	9.查看光伏发电向国家电网的电量输入情况*APP可查看各时段、日、月、年向国家电网的电量输入情况
X	X	X	√	√	√	漏电可设置
X	X	X	√	√	√	10.漏电保护:10-99mA(默认值:50mA)此功能可被关闭(该参数仅在特定条件下设置)。该应用)(开/关)
√	X	√	√	√	√	温度可设置
√	X	√	√	√	√	11.过温保护:10-85(该参数仅在App中设置)(开/关)
X	X	X	X	X	√	过电流延时可设置
X	X	X	X	X	√	12.过流延迟(可调)(延迟时间):1秒-15秒(默认: 1秒)(该参数仅在App中设置)(开/关)
X	X	X	X	X	√	失电流延时可设置
X	X	X	X	X	√	13.失流延迟(可调)(延迟时间):1秒-15秒(默认: 1秒)(该参数仅在App中设置)(开/关)



产品尺寸



乐清市文通电子科技有限公司

