

Wi-Fi Over-Under Voltage Protector Energy Meter

User Manual



Remote control

Voice control

Timing schedule

Electricity metering

Over/Under voltage protection

Residual Current (leakage) protection

Device sharing



小度智能



Smart Life



Tuya Smart



Google Assistant



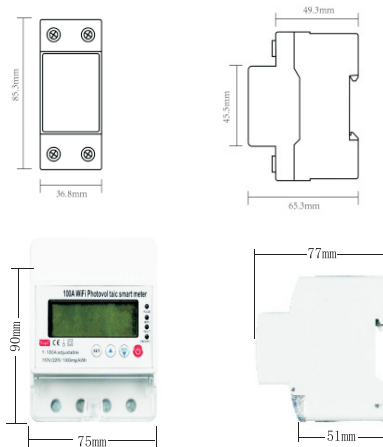
Amazon Alexa

Image corresponding table parameters

(● Indicates that this function is available) (○ Indicates that this function is not available)										
									Function	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)
●	●	●	●	●	●	●	●	●	ON/OFF、Timing	• You can set overvoltage/undervoltage/overcurrent/leakage current in the application, or you can set the following parameters in Protector -
○	●	●	●	●	●	●	●	●	Reclosing	1. Four timing modes: timing mode/countdown mode/cycle timing/jog switch (30 sets of timing settings)
○	○	●	●	●	●	●	●	●	Metering (Prepaid function)	2. Automatic re-closer (ON/OFF)
○	●	●	●	●	●	●	●	●	under voltage (adjustable)	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)
○	●	●	●	●	●	●	●	●	Over voltage (adjustable)	4. Under voltage protection 80V-210V (adjustable) (default: 175V) (this parameter is only set on the App) (ON/OFF)
○	○	●	●	○	○	●	○	○	Over current (adjustable)	5. Overvoltage protection 120V-300V (adjustable) (default: 275) (this parameter is only set on the App)
○	○	○	○	○	○	○	○	○	Over current (adjustable)	6. Overcurrent protection 1A-63A (accuracy A) (adjustable) (default: 63A) (this parameter is only set on the App) (ON/OFF)
○	○	○	○	○	○	○	○	○	Over current (adjustable)	7. Overcurrent protection 1.0A-63A (accuracy 0.1A) (adjustable) (default: 63A) (this parameter is only set on the App) (ON/OFF)
○	○	○	○	○	○	○	○	○	Over current (adjustable)	8. Overcurrent protection 1.0A-100A (accuracy 0.1A) (adjustable) (default: 100A) (this parameter is only set on the App) (ON/OFF)
○	●	●	●	●	●	●	●	●	Reclosing time (adjustable)	9. Reconnection time (delay time): 10s-99s (default: 30s) (this parameter is only set on the App) (ON/OFF)
○	●	●	●	●	●	●	●	●	Reclosing times (adjustable)	10. 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) (ON/OFF)
○	○	○	○	○	○	○	○	○	Photovoltaic bidirectional metering	11. 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
○	○	○	○	○	○	○	○	○	Leakage current (adjustable)	12. Leakage protection: 10-99mA (default: 50mA), this function can be turned off (this parameter is only set on the App) (ON/OFF)
○	●	●	●	●	●	●	●	●	Temperature (adjustable)	13. Over temperature protection: 10-85 (this parameter is only set on the App) (ON/OFF)
○	○	○	○	○	○	○	○	○	Over current delay (adjustable)	14. Over current delay (adjustable) (delay time): 1s-15s (default: 1s) (this parameter is only set on the App) (ON/OFF)
○	○	○	○	○	○	○	○	○	Loss of current delay (adjustable)	15. Loss of current delay (adjustable) (delay time): 1s-15s (default: 1s) (this parameter is only set on the App) (ON/OFF)
○	○	○	○	○	○	○	○	○	off-delay	16. Device/APP 1-999 seconds can be set
○	○	○	○	○	○	○	○	○	Time period current setting	17. Time period - AP can be set

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.

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 your 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



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PRODUCT PARAMETERS

Rated Supply Voltage: AC 230V Operation Voltage Range: AC 80V-400V (single phase)
Rated Frequency: 50/60Hz Electric Current (>A) 1-63A
Setting Range:

Over Voltage (>U) 120-300V
Setting Range: (adjustable)

Under Voltage (<U) 80-210V
Setting Range: (adjustable)

Electric Leakage 10-99mA off
Protection: (This feature can be tuned off) >U and <Trip Delay: 0.5s

Over Current And Leakage
Protect Times: 1-30 Off
Reset/Start Delay: 10s-99s

Power Display Range: 0-9999.9kW/h
operating Temperature: -30°C to 70°C

