

Wi-Fi Over-Under Voltage Protector Energy Meter

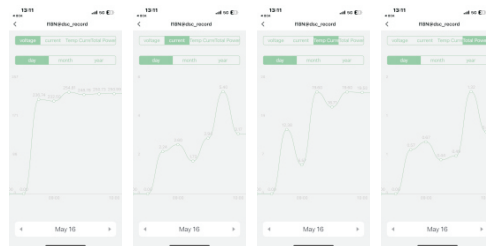
User Manual



√ Indicates that this function is 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)
√ Indicates that this function is not available)	Function	• You can set overvoltage/undervoltage/overcurrent/leakage current in the application, or you can set the following 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 (ON/OFF)
√	Metering (Prepaid function)	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)
√	Undervoltage (recovery value) can be set	4. Under voltage protection 80V-210V (adjustable) (default: 175V) (this parameter is only set on the App) (ON/OFF) (Recovery value, 2-30V)
√	Overvoltage (recovery value) can be set	5. Overvoltage protection 120V-300V (adjustable) (default: 275) (this parameter is only set on the App) (Recovery value, 2-30V)
√	Over current (adjustable)	6. Overcurrent protection 1.0A-80A (accuracy 0.1A) (adjustable) (default: 80A) (this parameter is only set on the App) (ON/OFF)
√	Reclosing time (adjustable)	7. Reconnection time (delay time): 10s-99s (default: 30s) (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 (this parameter is only set on the App) (ON/OFF)
√	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 time, day, month, and year
√	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) "
√	Temperature (adjustable)	11. Over temperature protection: 10-85 (this parameter is only set on the App) (ON/OFF)
√	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)
√	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)
√	off-delay	14. Device/APP 1-999 seconds can be set
√	Time period current setting	15. Time period - AP can be set
√	Restore the original factory	16. The APP interface (included in the cost) and device can be set to display a countdown display (CLY+N) after long pressing the first button for 3 seconds and pressing the second button. Release the button, press the first button to select (IESY), press the second button to select Y, press the first button once, and wait for 15 seconds to return to the main page.
√	Measurement reset	17. The APP interface (in the cost section) and equipment can be configured to display a countdown display (CLY+N) after long pressing the first button for 3 seconds and then pressing the second button. Release the button, press the first button to select (CLY), press the second button to select Y, press the first button once, and wait for 15 seconds to return to the main page.
√	Power on delay can be set	18. Can be set on the APP (1-9999 seconds)
√	View Curve	19. APP interface view, voltage, current, temperature, total power, daily, monthly, annual curve graphics
√	Check the number of faults	20. View overcurrent, overcurrent, leakage, and quotation frequency on the APP

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 phone to your Wi-Fi router and turn on Bluetooth. Click on the "+" button in the upper right corner of the APP homepage, then click on "Add Device", and long press the "SET" button for 3 seconds. After pressing the "on/off" button, it will display "3 release" Open the network configuration app, click on the top right corner, and then click on "Add Device" to search



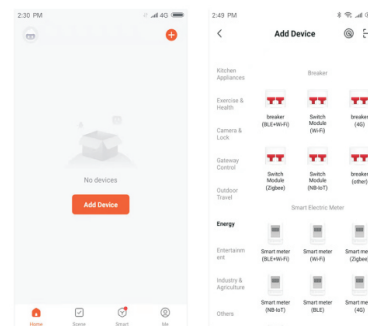
PRODUCT PARAMETERS

Rated Supply Voltage: AC 230V Operation Voltage Range: AC 80V-300V (single phase)
Rated Frequency: 50/60Hz Electric Current (>A) 1-80A
Setting Range:

Over Voltage (>U) 120-300V Under Voltage (<U) 80-210V
Setting Range: (adjustable) 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 Power Display Range: 0-9999.9kw/h
Reset/Start Delay: 10s-99s operating Temperature: -30°C to 70°C



Specifications and Technical Parameters	
password setting	Initial password 0000
Install	35MM guide rail
Electrical life	10 ⁴
Mechanical life	10 ⁴
Protection level	IP20
pollution level	3
Altitude	<2000m
Working humidity	≤50% at 40°C (no condensation)
Backlight time	Light
Synchronization time between data and device	Up to 20 seconds (depends on network speed)
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

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

