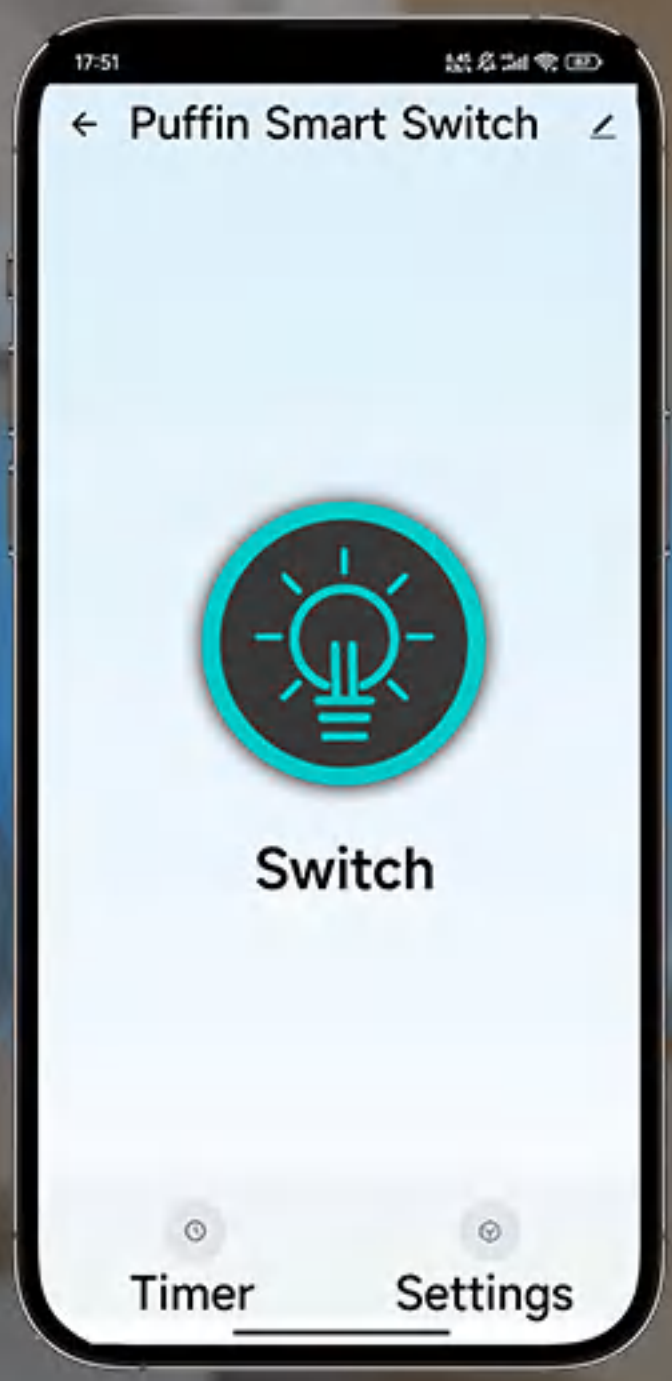
Household-grade Design

Dual-band WiFi 2.4G/5G Smart Remote Control Switch

Freely selectable 2.4G/5G frequency bands for reliable network configuration





2.4G/5G Dual-band WiFi Switch

Our 8 Major Advantages

High Power	Tuya Control	Local Timer	Countdown Off
Jog Countdown	Breathing Light	Latching Relay	Flame-retardant Housing

2.4G/5G Dual-band WiFi Switch

Dual-band Freely Switchable

Supports free switching between 2.4GHz and 5GHz bands, automatically selecting the optimal network.





2.4G/5G Dual-band WiFi Switch

Powerful Timing Functions

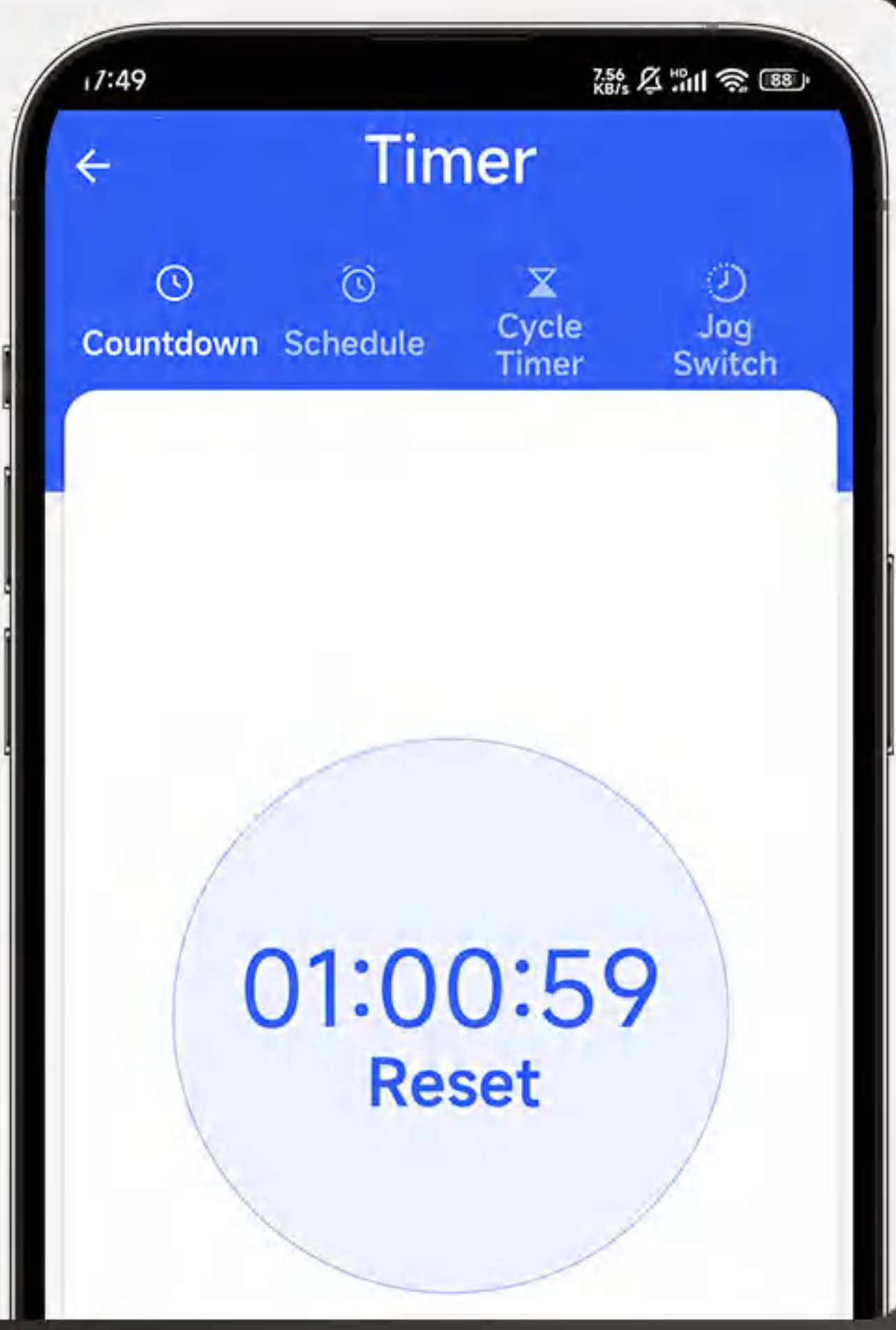
The switch is equipped with three timing functions to meet the demands of various scenarios for greater convenience.

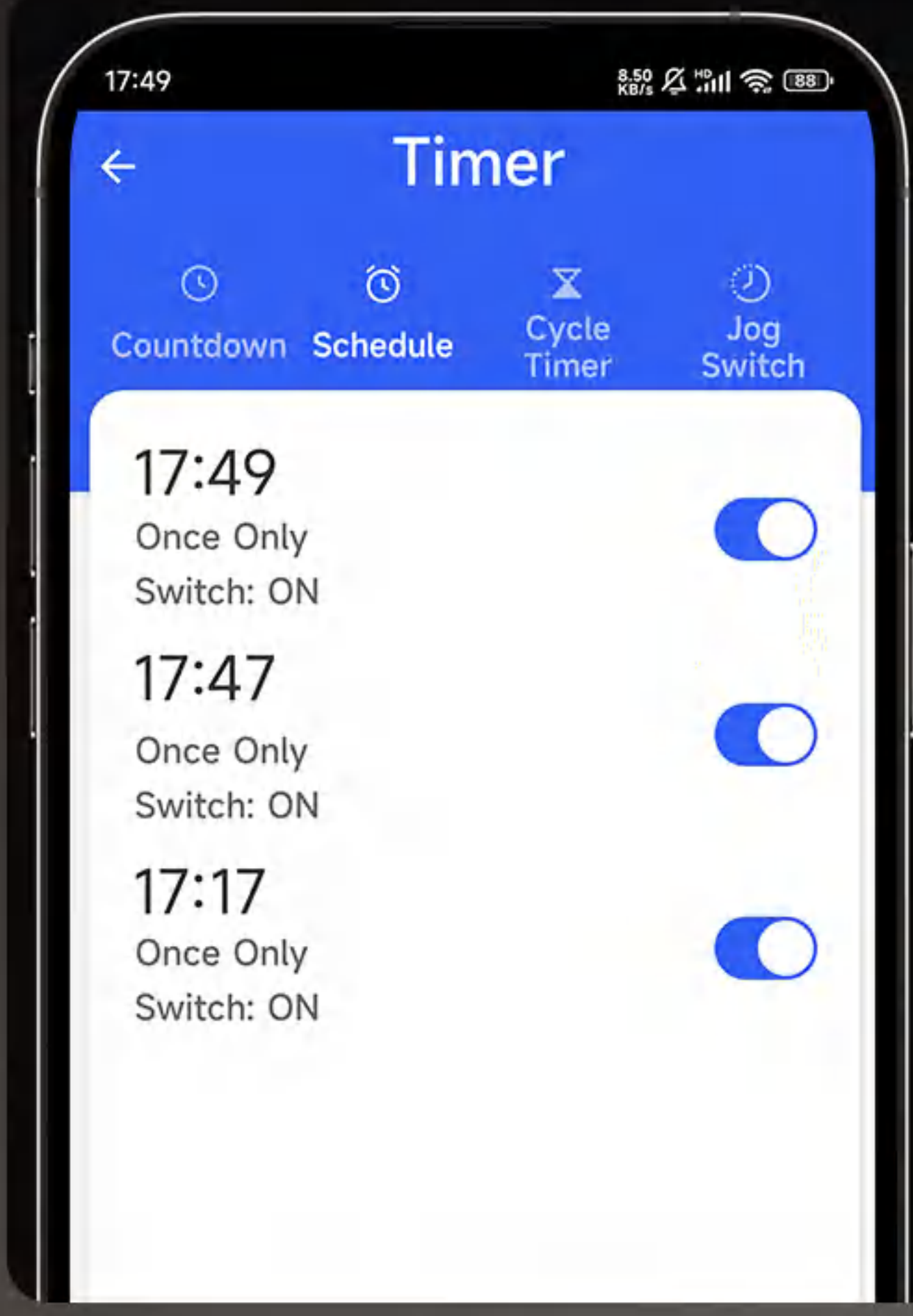
Countdown

Supports countdown timer settings longer than 24 hours.

If the switch is ON, it will automatically turn OFF when the countdown expires.

If the switch is OFF, it will automatically turn ON when the countdown expires.





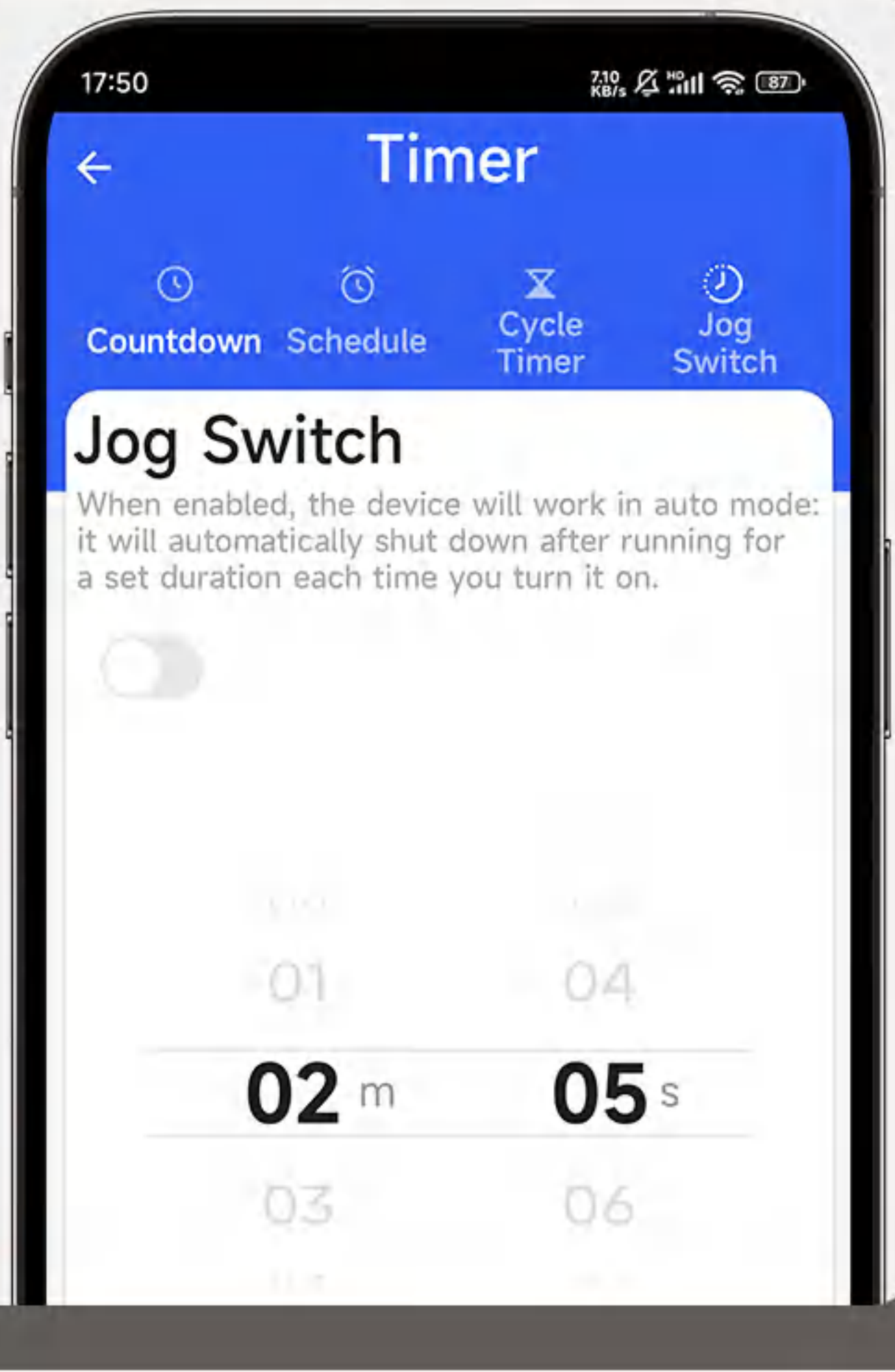
Local Timer

Supports more than 40 scheduled tasks.

Multiple repeated tasks can be set for key missions to avoid losses caused by missed triggers.

Delay-off Timer

When enabled, the device will work in auto mode: it will automatically shut down after running for a set duration each time you turn it on.



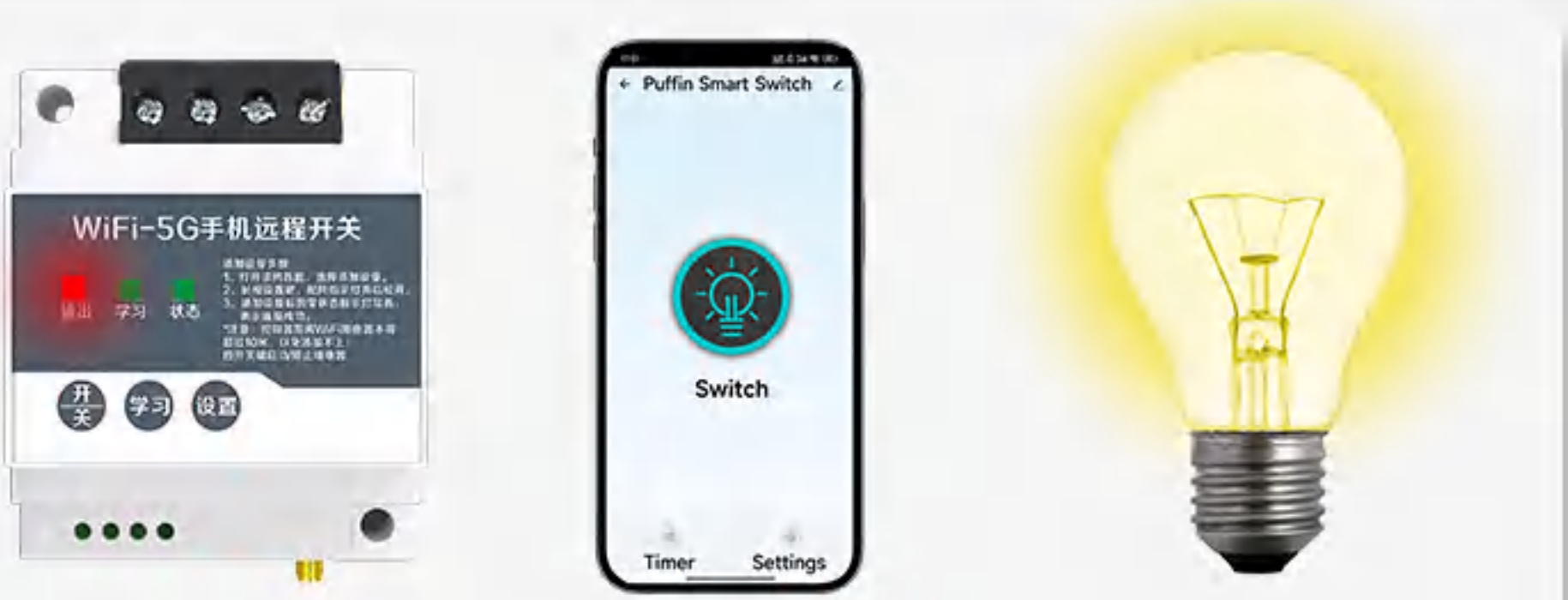
2.4G/5G Dual-band WiFi Switch

Real-time Switch Status Feedback

Switch status is synced to your mobile APP in real time for clear viewing. Never worry about forgetting your home switches when you are away on business.



Device Turned Off



Device In Operation

2.4G/5G Dual-band WiFi Switch

90A Latching Relay

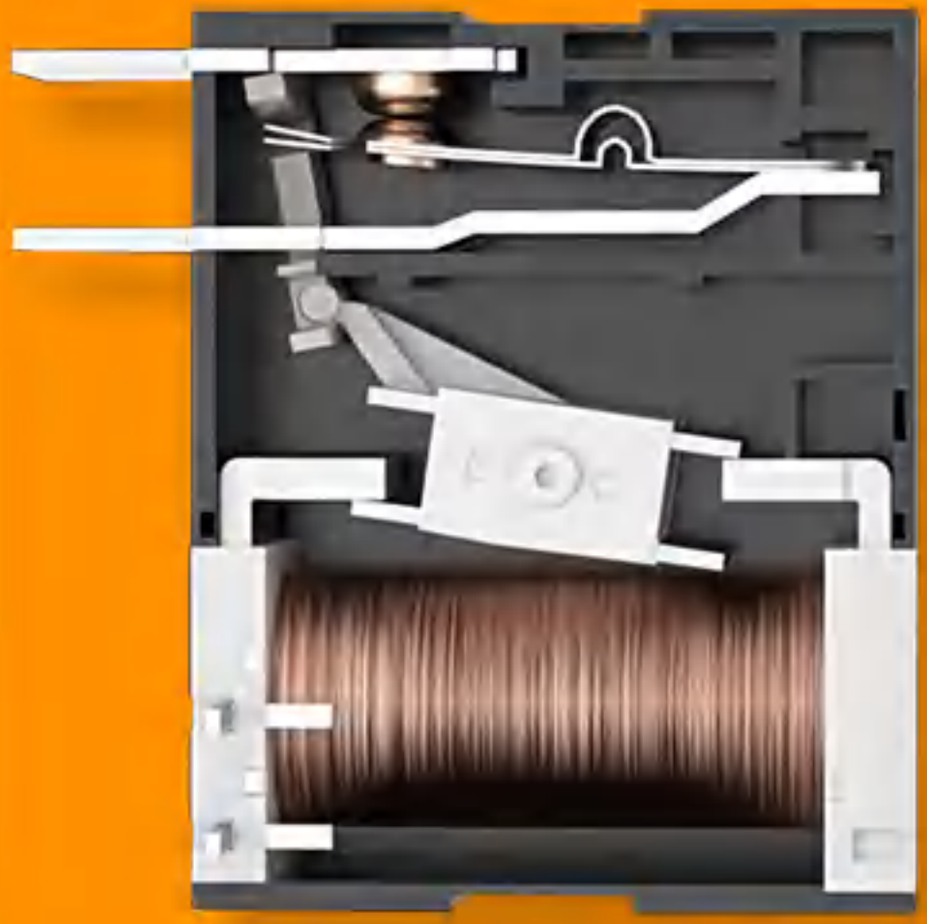
Built-in 90A latching relay with lower power consumption, capable of high-power loads, and directly supports 6000W home appliances.





Conventional Relay

The coil of a conventional relay needs continuous power supply to generate a magnetic field and keep the armature attracted.



Latching Relay

Built-in permanent magnet retains magnetic force. Only a single current pulse is required for switching, which saves power.

2.4G/5G Dual-band WiFi Switch

Bluetooth Module Assisted Network Provisioning

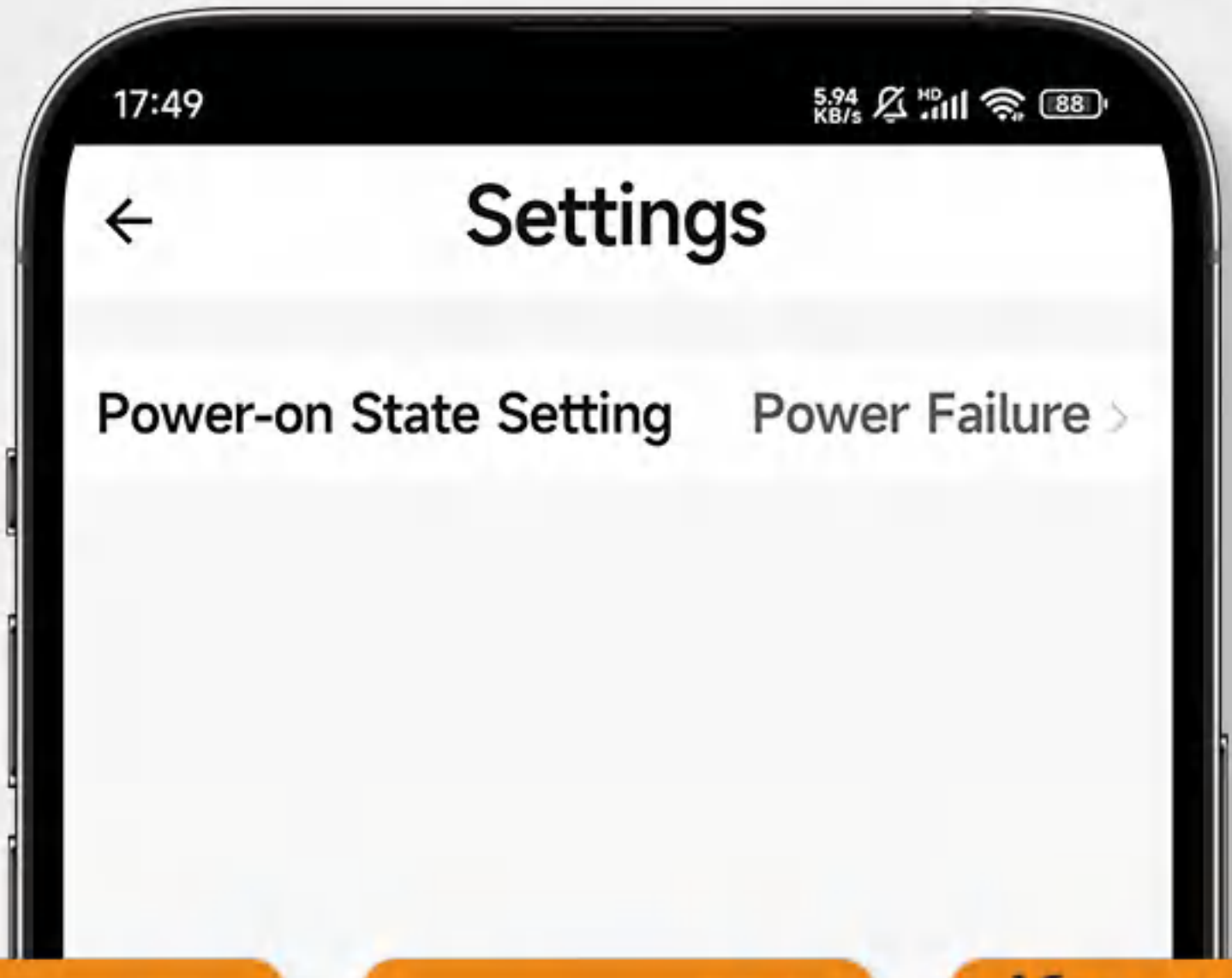
Built-in Bluetooth network provisioning module. Devices can be added more easily once Bluetooth is enabled.



2.4G/5G Dual-band WiFi Switch

Power-on Protection Settings

Three configurable power-on states: Power ON, Power OFF, Last State. Better protection for electrical safety.



Power On

ON or OFF



before power cut

OFF



After power restoration

Power Off

ON or OFF



before power cut

OFF



After power restoration

Keep Last State

ON



before power cut

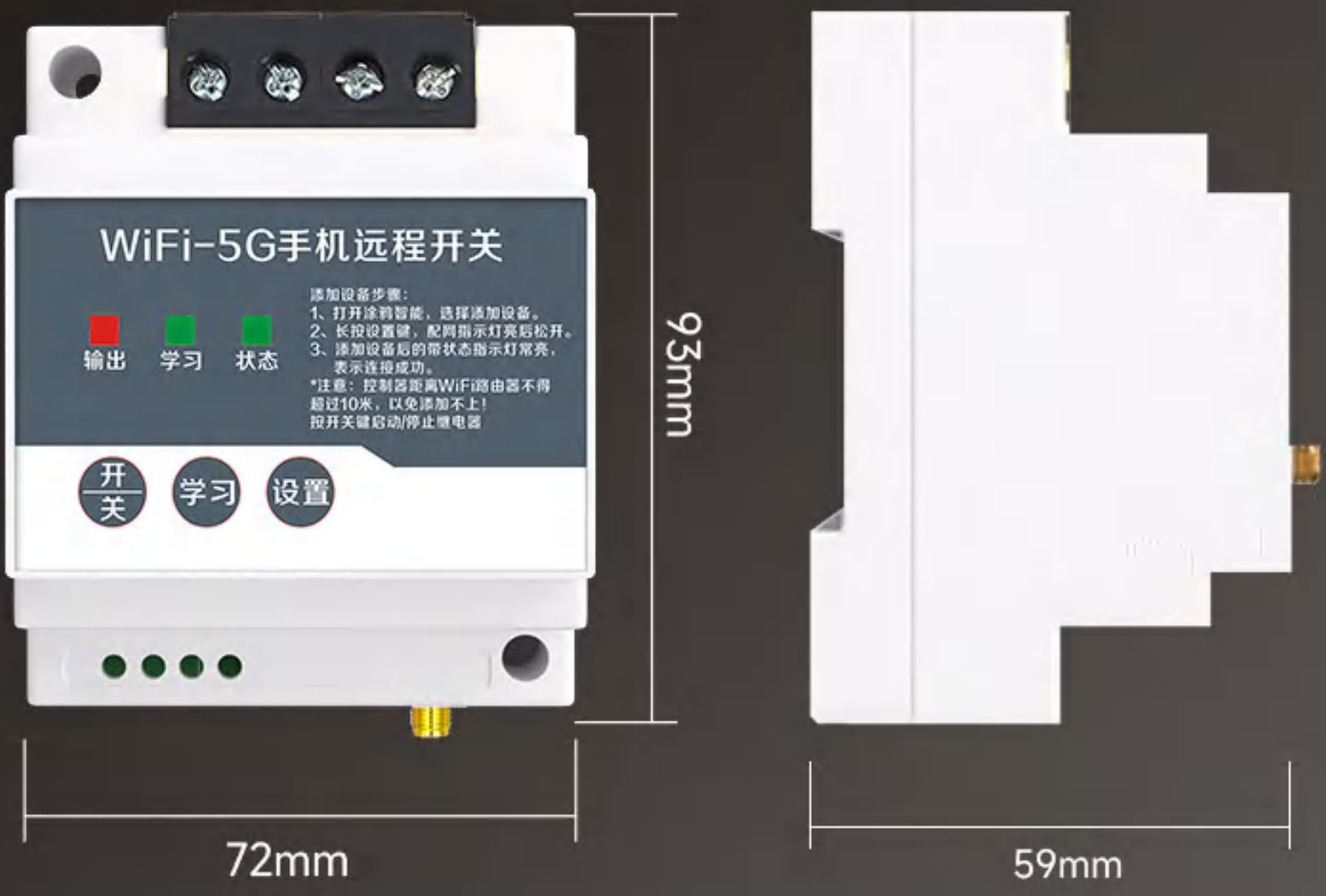
OFF



After power restoration

Product Specifications

Product dimensions are manually measured and may have minor deviations.



Model **HK12-WF16**	Control Method **Mobile APP / Manual**
Voltage **AC 220V**	Control Range **Unlimited range via mobile control**
Power Rating **6KW**	Operating Temperature **-40°C ~ 70°C**

Compatible with remote control antennas



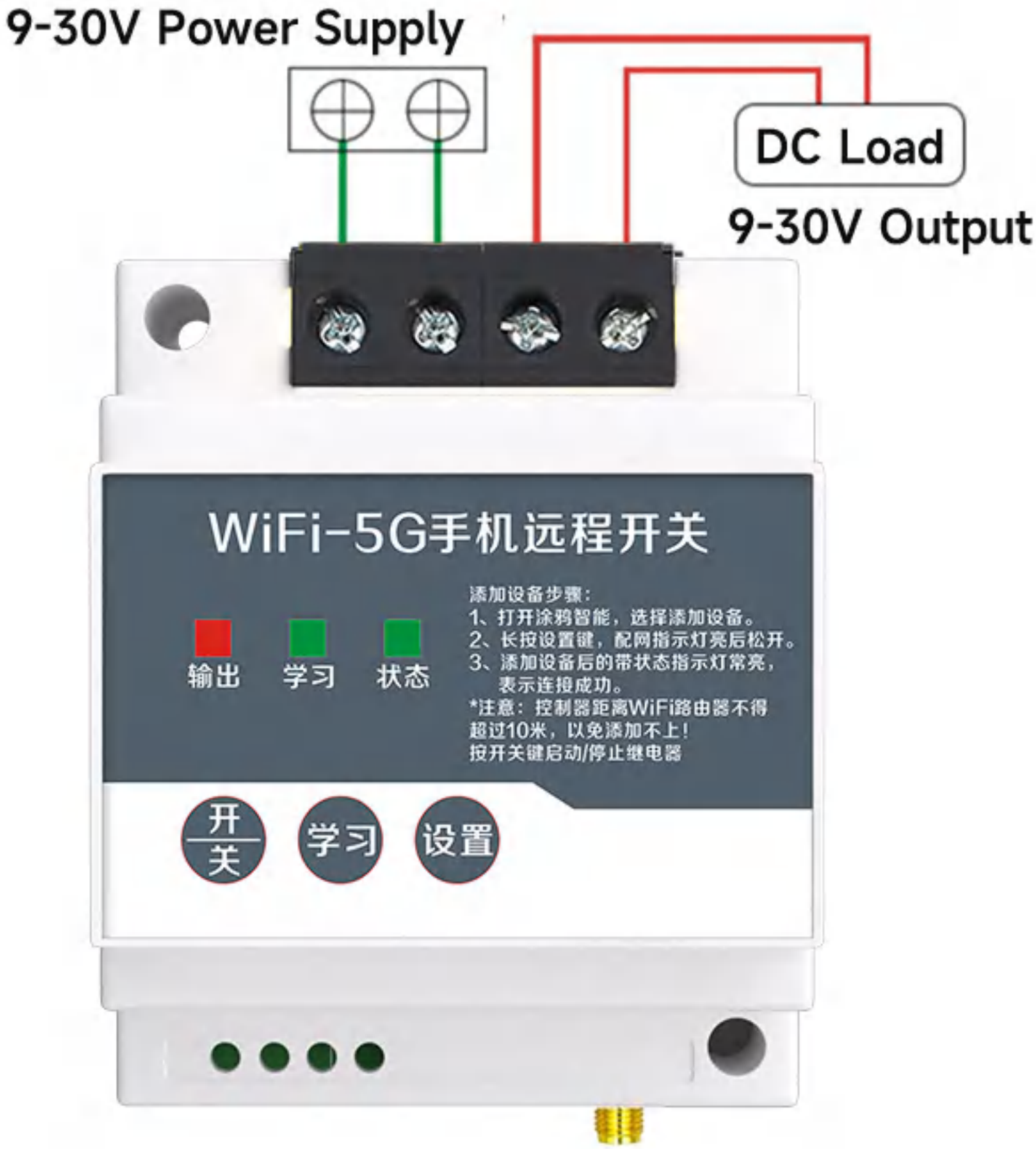
1000m Remote Controller	3000m Remote Controller	Rubber Antenna	3m Extension Cable

Wiring Diagram

AC220V Wiring Diagram (≤6kW)



DC 9-30V Wiring Diagram (≤500W)



ADVANTAGE

Network Setup

1



Download Tuya Smart

2



Register & Login

3



Add Devices

4



Long press Setting key, status LED flashes. Turn on Bluetooth & Location for assisted search.

5



6



Network Configuring

7



Go to Add Device

8



Add Device

9



Enter WiFi and Verification Code。If your router is on the 2.4GHz band, follow the prompts.If it is 5GHz band, skip this and select Next.

10



Done

11



Tap to rename

Device can be removed