# Control by mobile phone APP












# Industrial and agricultural automation

## 4G remote centralized control of power supply and motor

The equipment is centrally controlled and managed through mobile phone APP and computer PC. From power supply, signal on/off, input detection, to all kinds of data collection, linkage, and alarm, we keep exploring and making progress.




HK18-4G01




HK18-4G02




HK18-4G03




HK18-4G04

# Intelligent Remote Control
# Mobile Phone Remote

Power failure alarm

local timing

Control unlimited distance



# 8 Core Functions

## Protect your device well



Input detection



Local timing



Power failure alarm




WIFI not required



Unlimited distance



Cloud-based intelligent APP



Sharing among many people



Multiple control methods

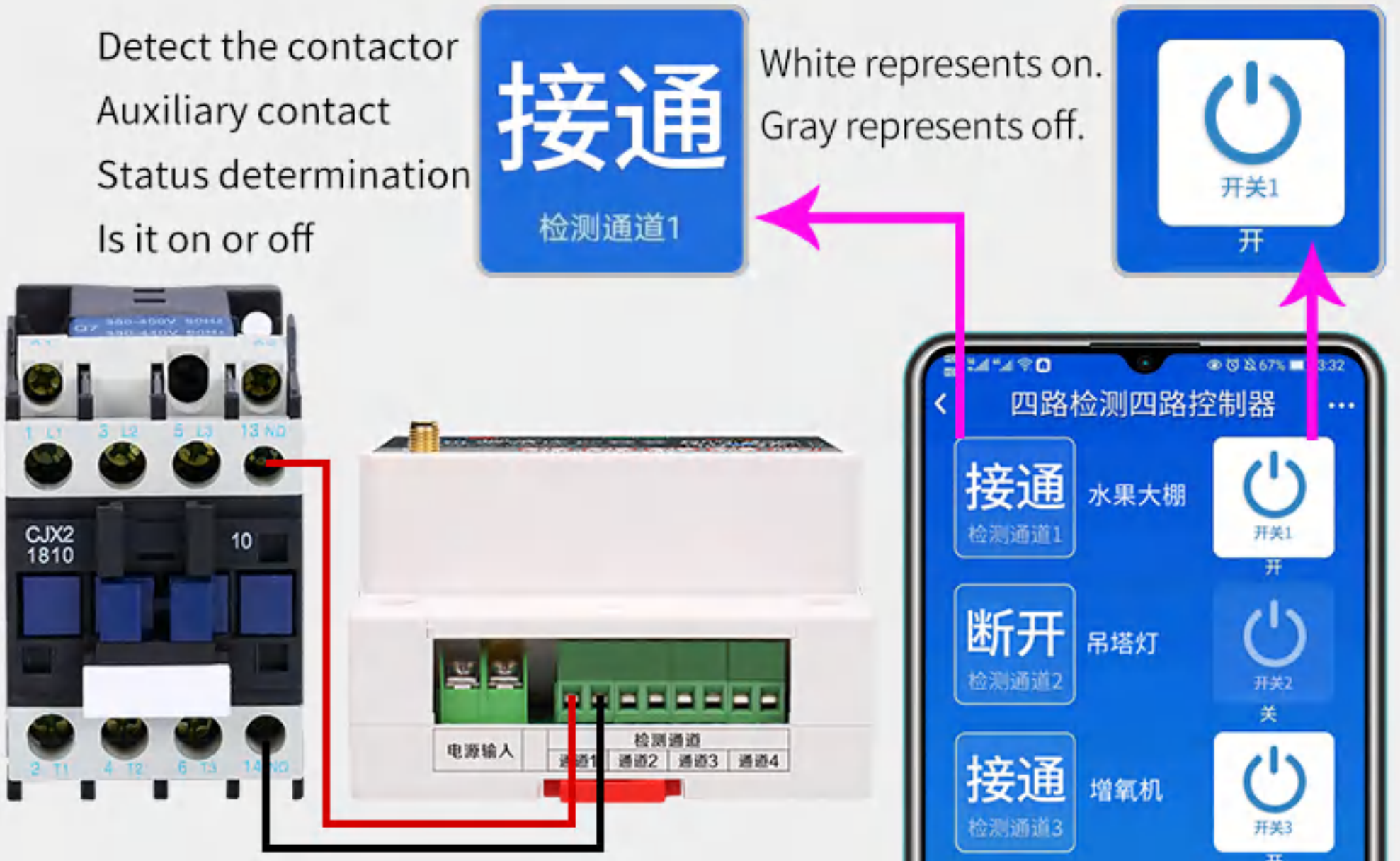
# Core Function 1

## Detect the closing state of the AC contactor

When there is a power outage, the APP will send a real-time alert tone to remind you to avoid losses.

Detect the contactor
Auxiliary contact
Status determination
Is it on or off

White represents on.
Gray represents off.




Real-time detection of the status of the auxiliary contact of the contactor

Prevent line faults and tripping

Causing problems such as no action of the contactor

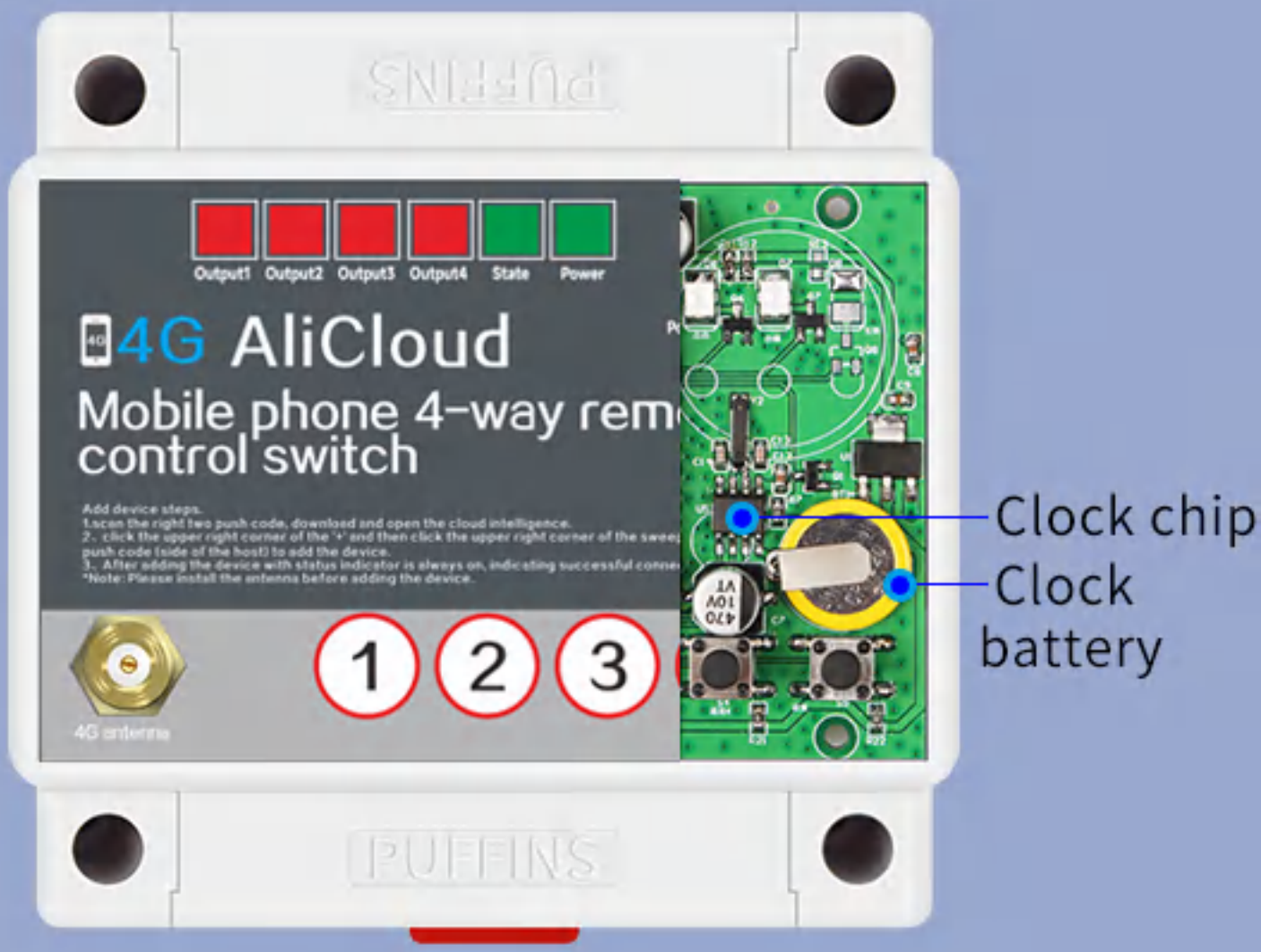
The water pump starts truly!

# Core Function 2

## It can be timed even without network.

The local timing does not rely on the network time. The time reference is provided by the local clock chip. Even in the case of network disconnection, the timing still responds accurately.



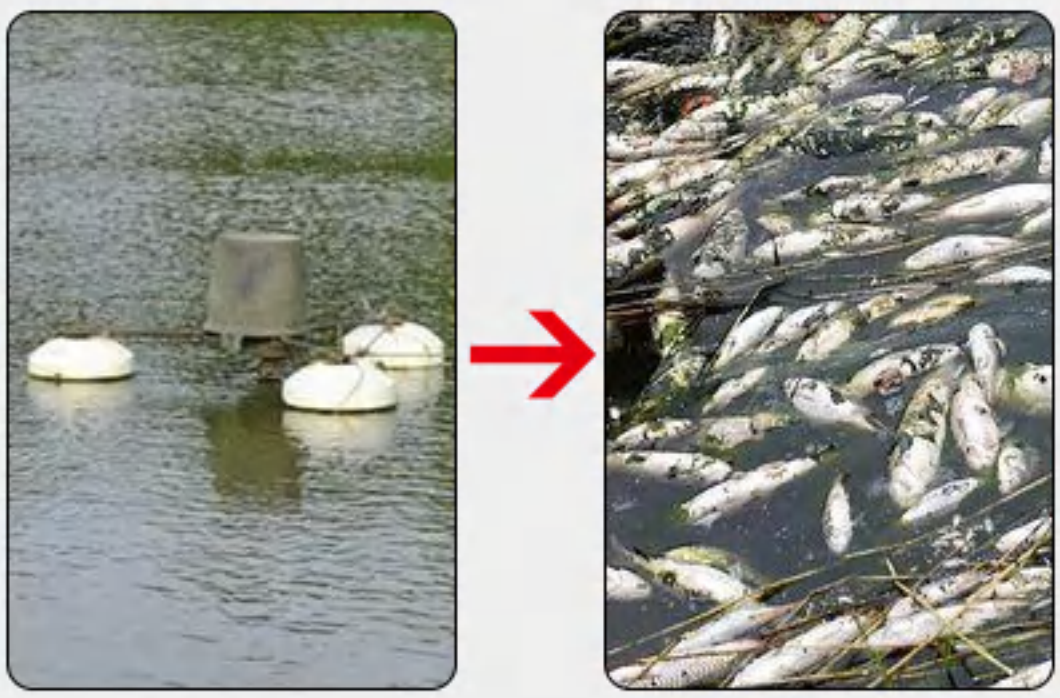



# Core Function 3

## Power failure alarm, message push

When the device is powered off and powered on, an APP message will be sent. It will remind the owner by the way of APP message push and alert tone, and notify the owner to take corresponding measures to avoid losses.



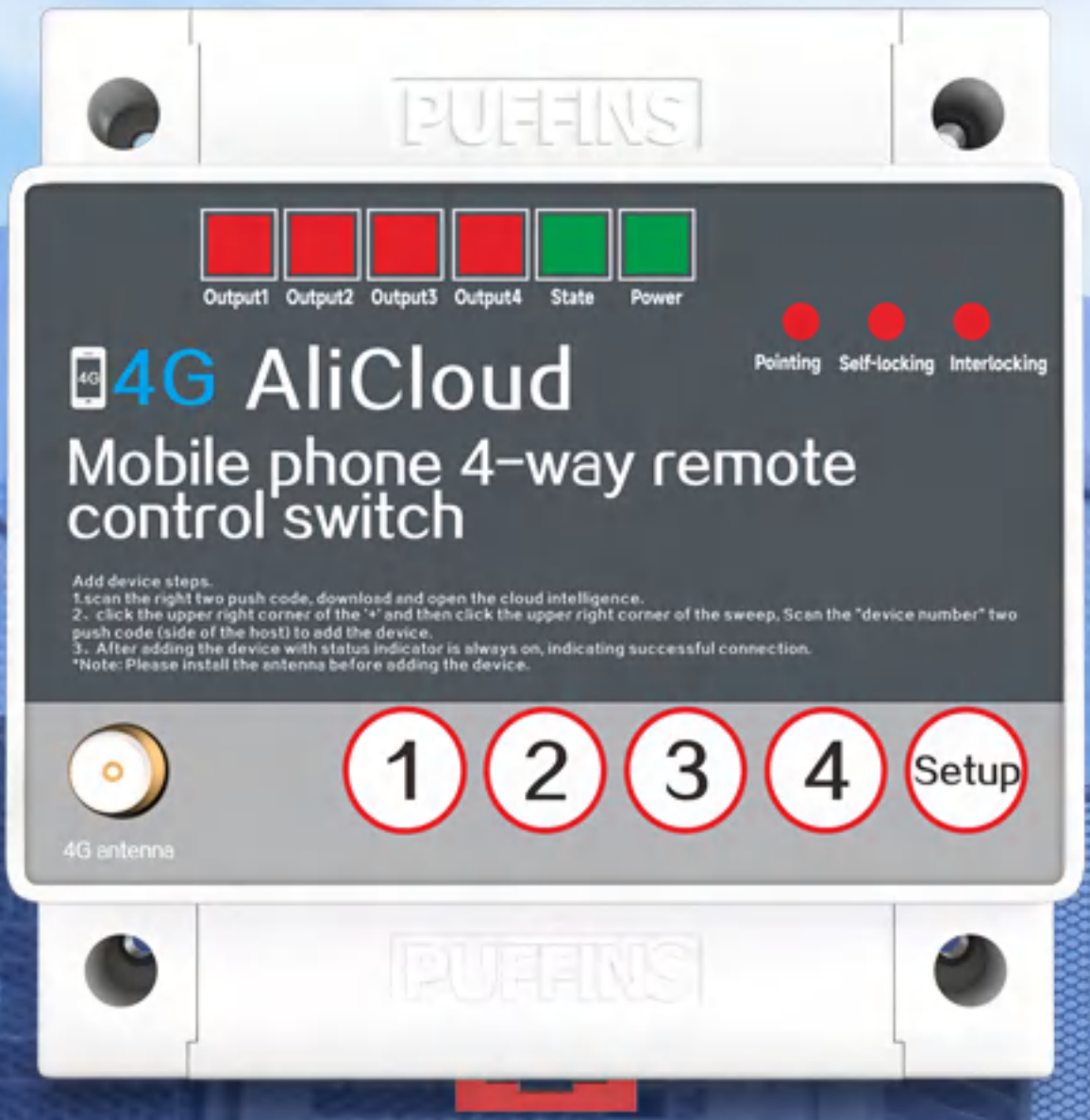


# Core Function 4

## The 4G network signal is strong. WiFi is not needed.

It adopts a 4G networking module and directly connects to the 4G signal base station without the need to connect to WiFi. It can be used normally outdoors!

4G




Direct connection to the base station.

No need for WiFi.

Core Function 5

# Built-in IoT SIM card

The controller has a built-in IoT card. The fee is $45 for 5 years and $71 for 8 years.




4G LTE

## Package One

The traffic fee is $45 for 5 years.

4G LTE

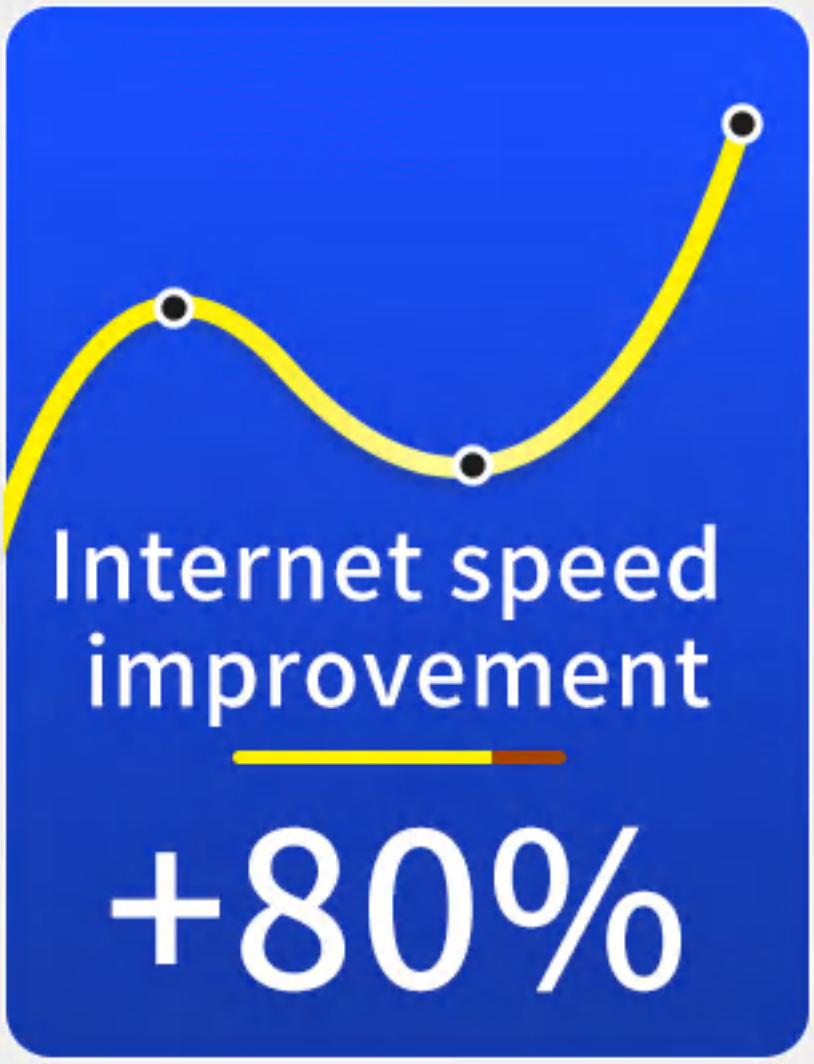
## Package Two

The traffic fee is $71 for 8 years.

# Core Function 6

## Never offline, never disconnected, and never lose the network.

With the development needs of technological communication, traditional Internet of Things (2G) devices are gradually being eliminated. The use of 4G Internet of Things devices completely solves the instability of traditional 2G devices. You no longer have to worry about natural phenomena such as device offline, disconnection, and lag!






# Core Function 7

## Always online, always connected and always with network.

With the development demands of technological communication, traditional Internet of Things (2G) devices are gradually being eliminated. Using 4G Internet of Things devices completely resolves the instability of traditional 2G devices. You don't need to worry about natural phenomena such as devices going offline, disconnecting, or lagging anymore!



# Core Function 8

## Use the official Alibaba Cloud APP "Cloud Intelligence" operating system.

Strong alliance and strategic cooperation with Alibaba Cloud. We are the first partner in the industrial intelligent switch industry to connect with Alibaba Cloud. The official platform system is stable and more guaranteed!



# Core Function 9

## Multiple people can control the device switch simultaneously.

It can be shared with friends and family to control the device switch at the same time. The switch status is fed back to the mobile phone page in real time.







start

stop

# Core Function 10

## Multiple people control the device switch simultaneously

It can be shared with friends and family to control the device switch simultaneously.
The switch status is fed back to the mobile phone page in real time.

### Remote control

The remote control distance is 3,000 meters.
The signal is strong and it can be remotely controlled through walls.
There is no interference between neighbors.






# Mobile phone control

Mobile phone control has no distance limit.
As long as there is a signal, it can be controlled.
The switch status is fed back in real time.

# Manual control

The panel has an on/off key.
When the mobile phone or remote control is not around, you can manually control the switch.



# Product parameters







## Product model

HK18-4GAL01

## Remote control mode

Mobile phone, remote control, manual

## Product voltage

AC220V AC380V DC9-30V

## Product size

97X92X59mm

## Product power

1 kilowatt (380V must be connected to the contactor)

## Remote control distance

The mobile phone has no distance limit. The remote control has a distance of 3 kilometers.