



User Guide

Smart Light Switch 2 Gang 1 Way
Tapo S220

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About This Guide

This guide provides a brief introduction to the Smart Light Switch 2 Gang 1 Way and the Tapo app, as well as regulatory information.

Please note that features available in Tapo may vary by model and software version. Tapo availability may also vary by region. All images, steps, and descriptions in this guide are only examples and may not reflect your actual Tapo experience.

Conventions

In this guide, the following convention is used:

Convention	Description
Blue	Key information appears in teal, including management page text such as menus, items, buttons and so on.
<u>Underline</u>	Hyperlinks are in teal and underlined. You can click to redirect to a website.
■Note:	Ignoring this type of note might result in a malfunction or damage to the device.

More Info

- Specifications can be found on the product page at <https://www.tapo.com>.
- Our Technical Support and troubleshooting information can be found at <https://www.tapo.com/support/>.
- The switch installation and setup video can be found at <https://www.tp-link.com/support/download/tapo-s220/>.
- The installation guide can be found at <https://www.tp-link.com/support/faq/3359/>.

Introduction

Make your traditional lighting smart with the Tapo Smart Switch. Turn your lights on and off with your voice, or control them from your phone. Thanks to the switch's battery-powered design with 1+ year battery life, enjoy the smart lifestyle without rewiring your home or replacing your current bulbs.

The Tapo smart switch works with an IoT hub. Make sure you have set up your hub first.



Remote Control



Schedule & Timer



Voice Control



Low-Battery
Reminder



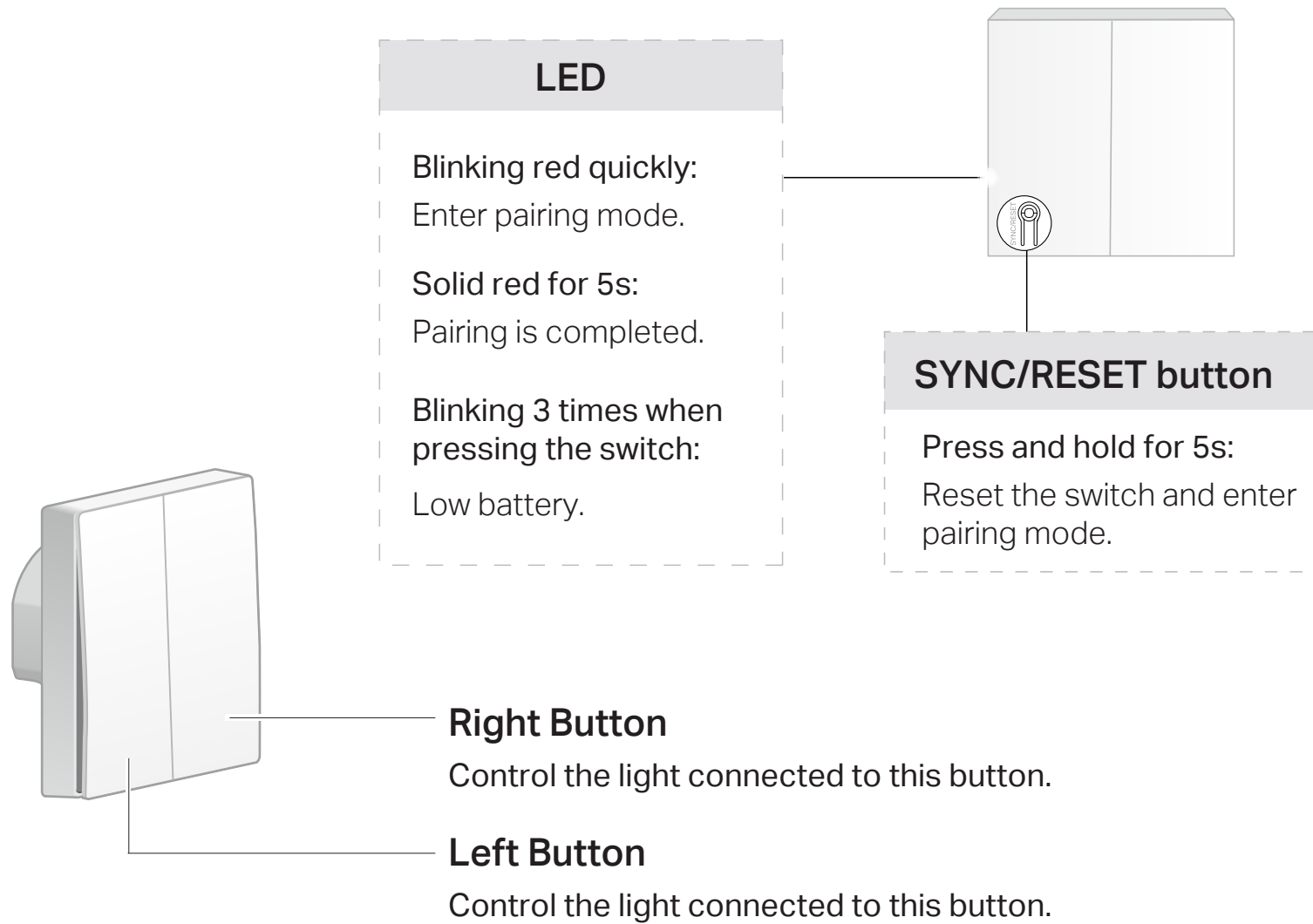
No Neutral
Required



Tool-Free Battery
Replacement

- **Remote Control** – Instantly turn the light on/off wherever you are through the Tapo app.
- **Schedule** – Set a schedule to turn on the lights for you in advance.
- **Timer** – Set a countdown timer to turn off the lights after sleeping.
- **Voice Control** – Manage your lights with voice commands via Amazon Alexa or the Google Assistant.
- **Low Battery Reminder** – Send notifications when the battery power is low.
- **No Neutral Wire Required** – Super easy wiring. No neutral wire required. No rewiring required.
- **Tool-Free Battery Replacement** – Easily replace batteries after installation, no need of other tools.

Appearance



Set Up Your Switch

Tapo Smart Light Switch works with an IoT hub. You need to set up your hub first, then add your switch to the app. Follow the steps below to get started with your Tapo Smart Light Switch.

Step 1. Download Tapo App

Get the [Tapo](#) app from the App Store or Google Play, or by scanning the QR code below.

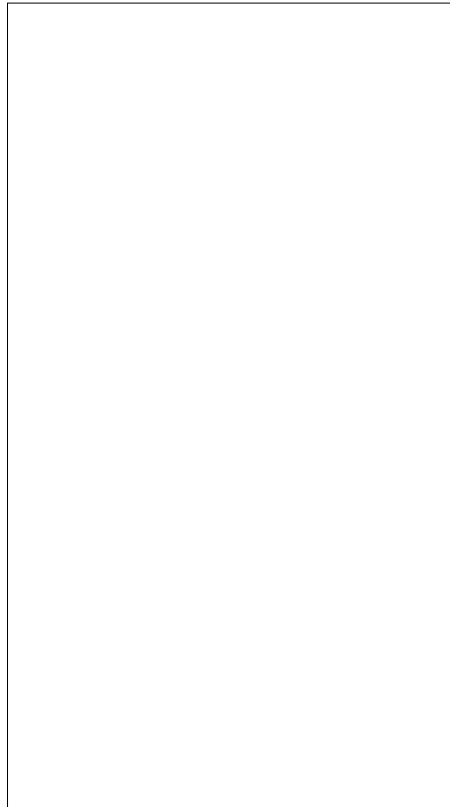


OR



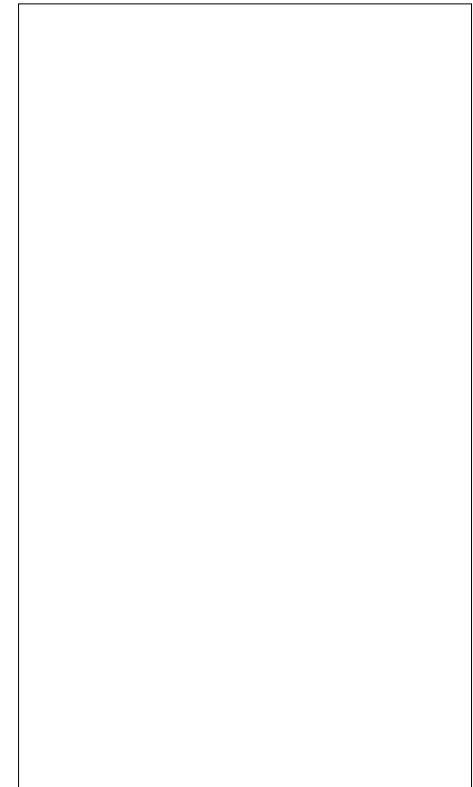
Step 2. Log In

Open the app, and log in with your TP-Link ID. If you don't have an account, create one first.



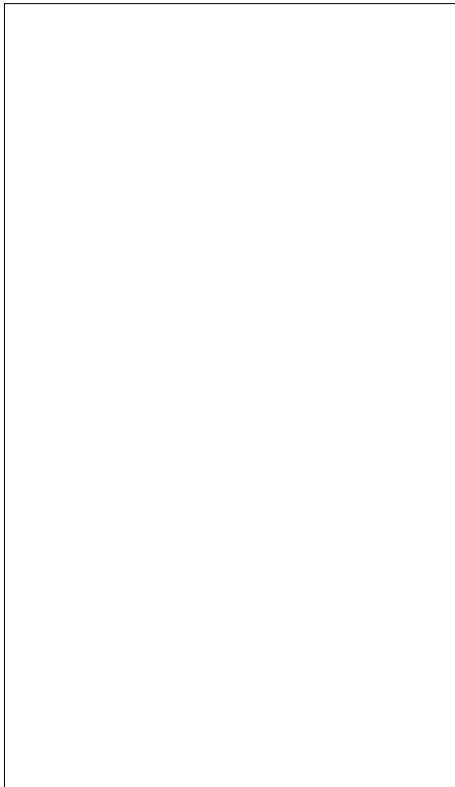
Step 3. Add Hub First

Tap the \oplus button in the app and select your hub. Then follow app instructions to set up your hub.



Step 4. Add Your Switch

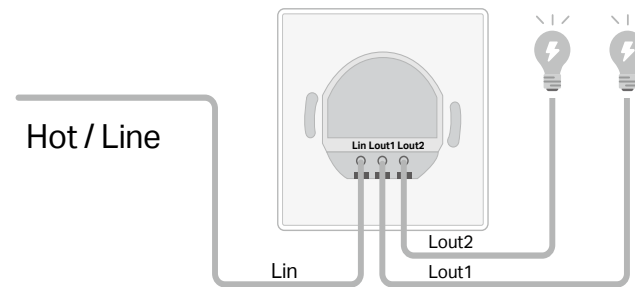
Tap the ⊕ button in the app and select your switch. Then follow app instructions to set up your switch.



Step 5. Wire Your Switch

Follow app instructions to wire your switch, or check the wiring diagram below.

Please make sure no bare wires are exposed after wiring. The recommended wire stripping length is 7-8.5 mm.



Lout1 = Right Button Lout2 = Left Button

- The **hot / line wire** is usually connected to the terminal "C" or "L" of your dumb switch.
- If the dumb switch is connected with a **Neutral** wire, cover it with the provided wire nut.

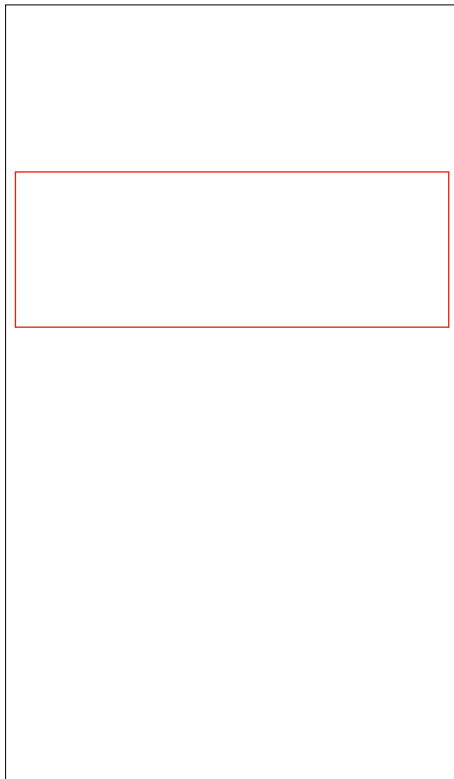


Main Device Controls

After you successfully set up the switch, you will see the buttons of your switch listed on the home page. You can manage them separately from anywhere at any time with the Tapo app.

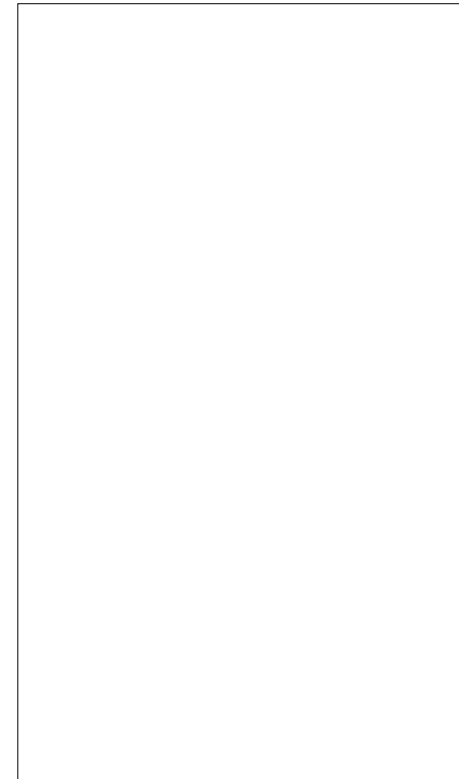
Home Page

This page lists all your devices you've added and you can view them directly and manage them easily. Tap either button of your switch to enter the [Live View](#) page.




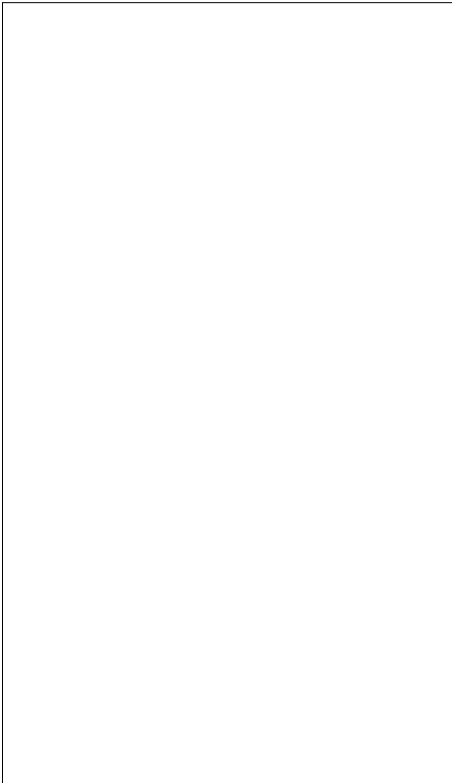
Status Page

You can turn on or off your device in this page. You can also configure advanced features like Schedule, Away Mode, Timer to control your device according to your daily routine.



Switch Settings

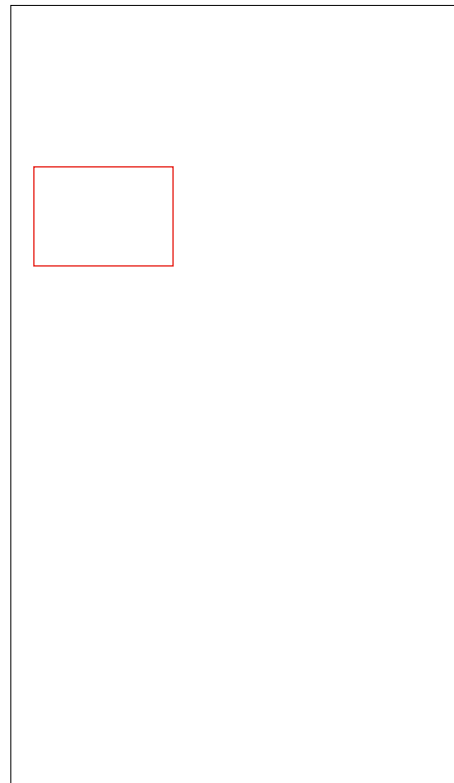
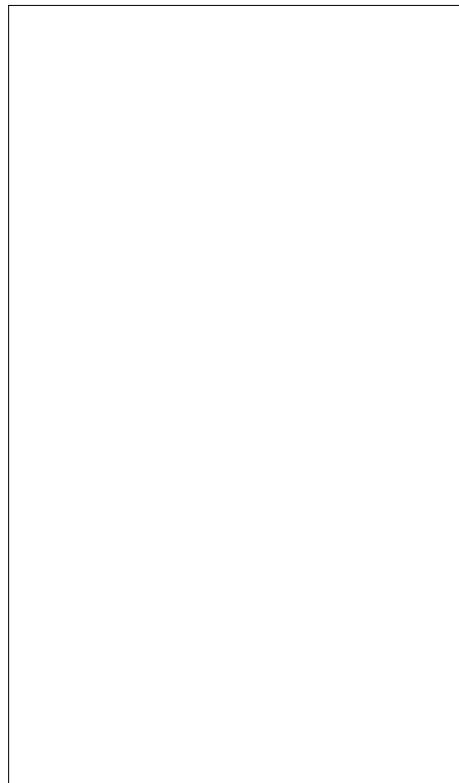
On [Status](#) page, tap  to enter the [Device Settings](#) page. You can change your device name and icon, set Delayed Shut Off, etc.



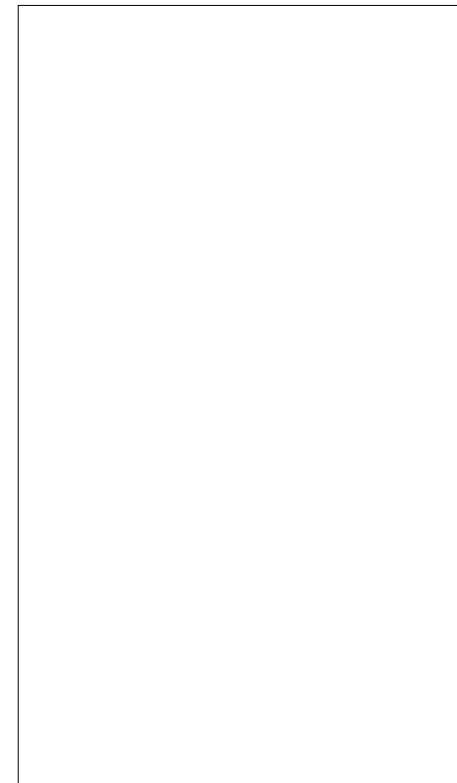
Schedule

Set schedules for your switch to automatically turn on/off at set times to simplify your daily routine.

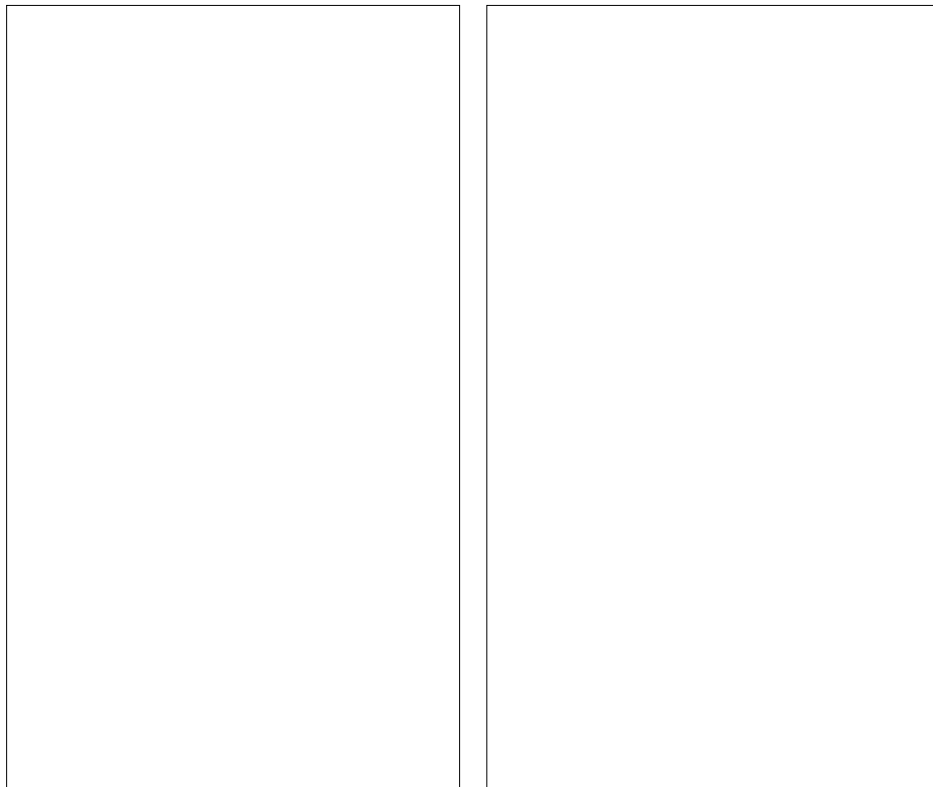
Step 1: Go to [Status](#) page and swipe upforward. Tap to set a schedule.



Step 2: Tap on the top right corner.

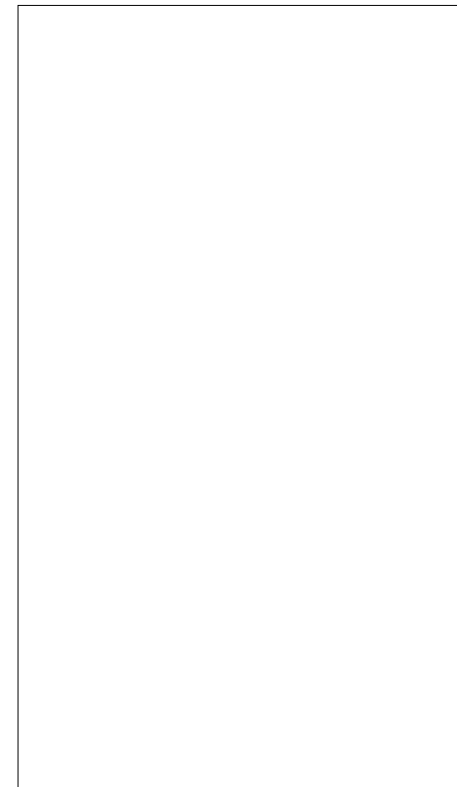


Step 3: Set the time and frequency to turn on/off your device automatically.




Done!

You can see the set schedule listed in the Schedule page.

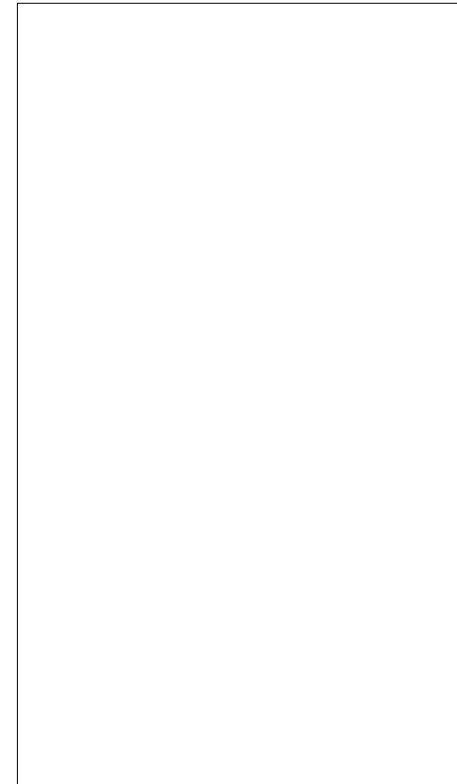
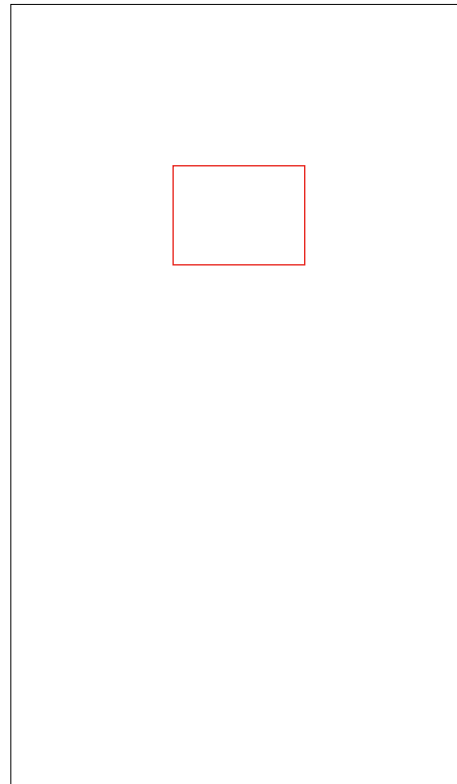
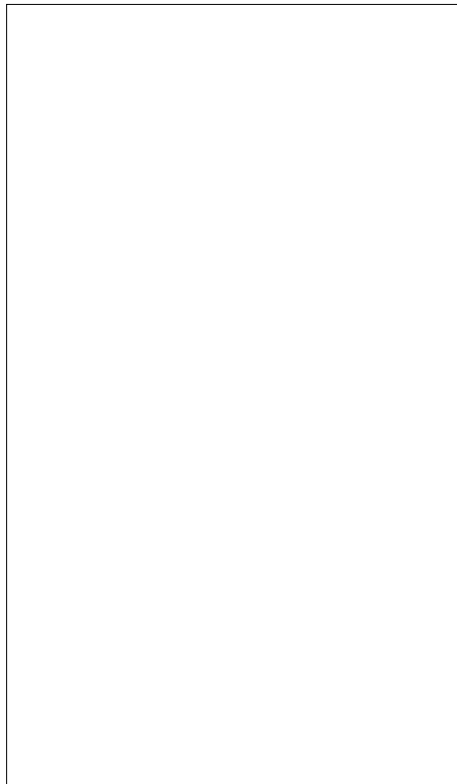


Away Mode

Set your device to turn on and off randomly during a set time period to make the appearance that someone is at home.

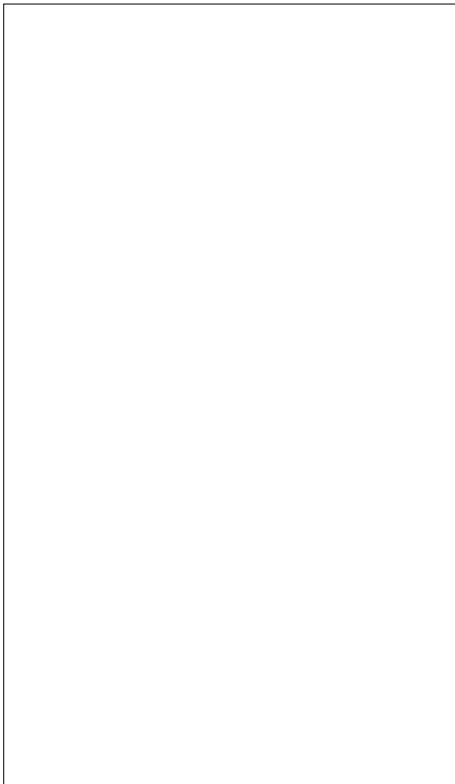
Step 1: Go to [Status](#) page and swipe upforward. Tap  to set Away Mode.

Step 2: Set the time period and the repeating frequency.




Done!

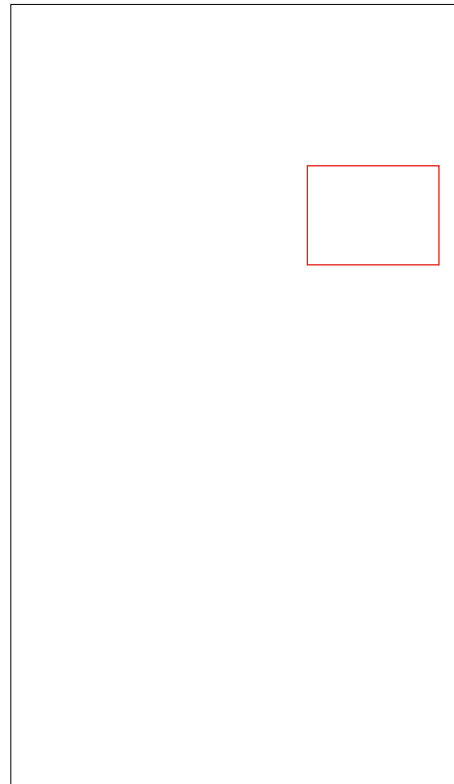
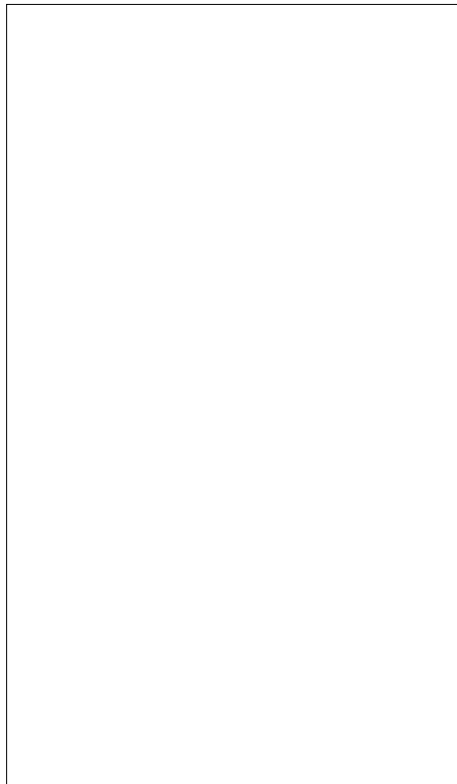
Away Mode is active. Your device will be turned on and off randomly during the time period.



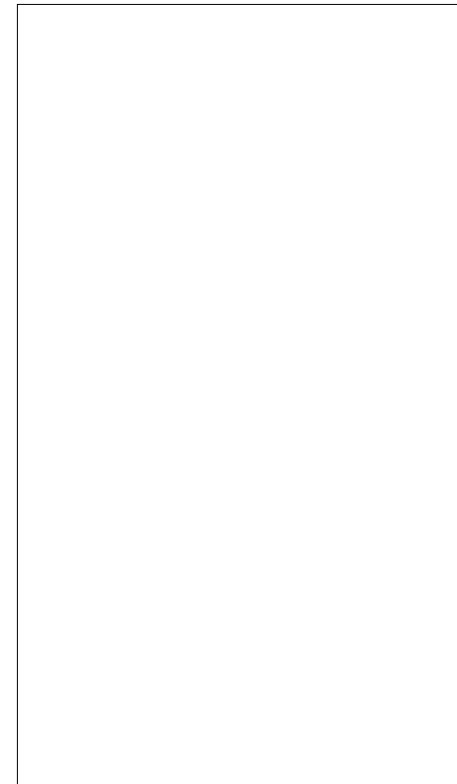
Timer

Set a countdown timer for your device to automatically turn on/off after the timer ends.

Step 1: Go to [Status](#) page and swipe upforward. Tap  to set a countdown timer.

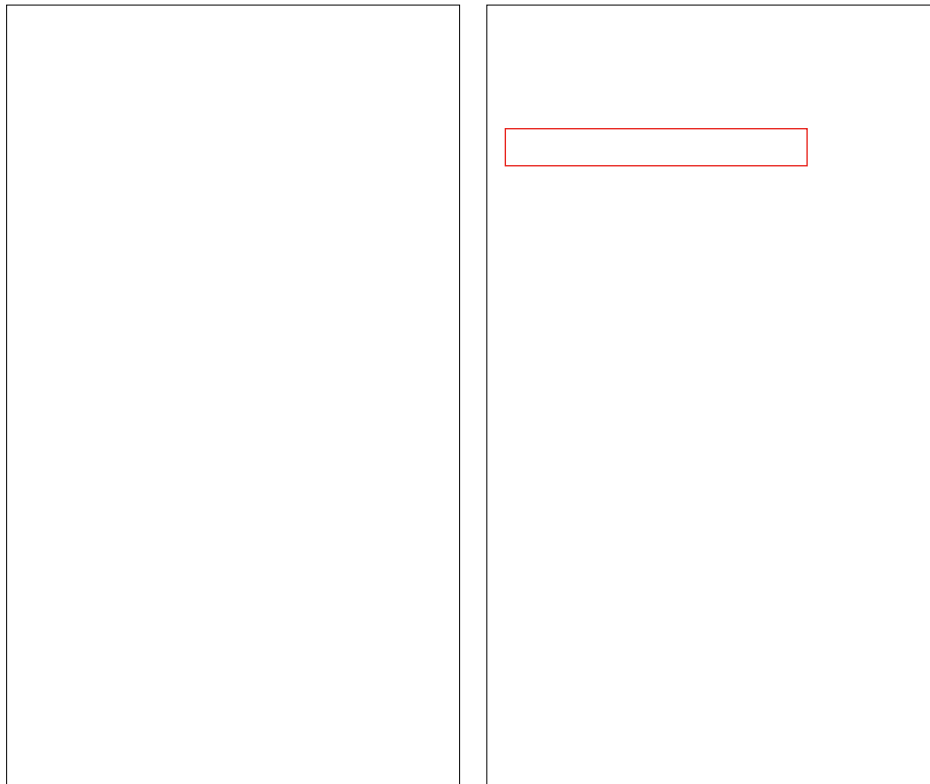


Step 2: Set the time period and whether to turn on or off the switch after the time ends.



Done!

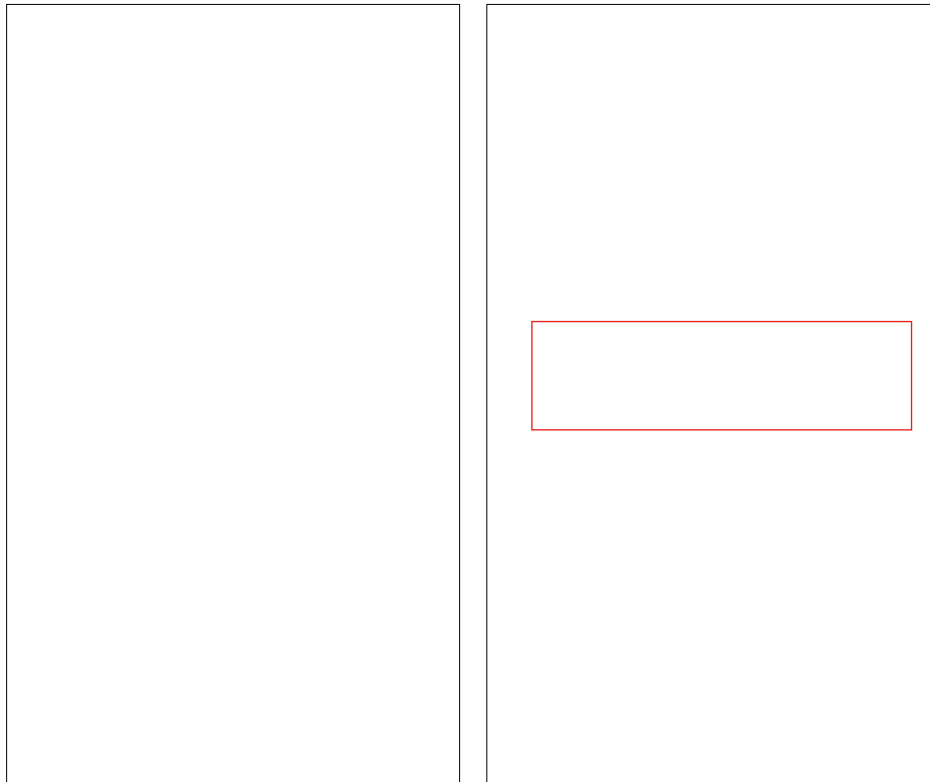
The timer is counting down. You can also see the time counting down in the Home page.



Check Runtime

Check how long the switch has been running today, for the past 7 days, or for the past 30 days.

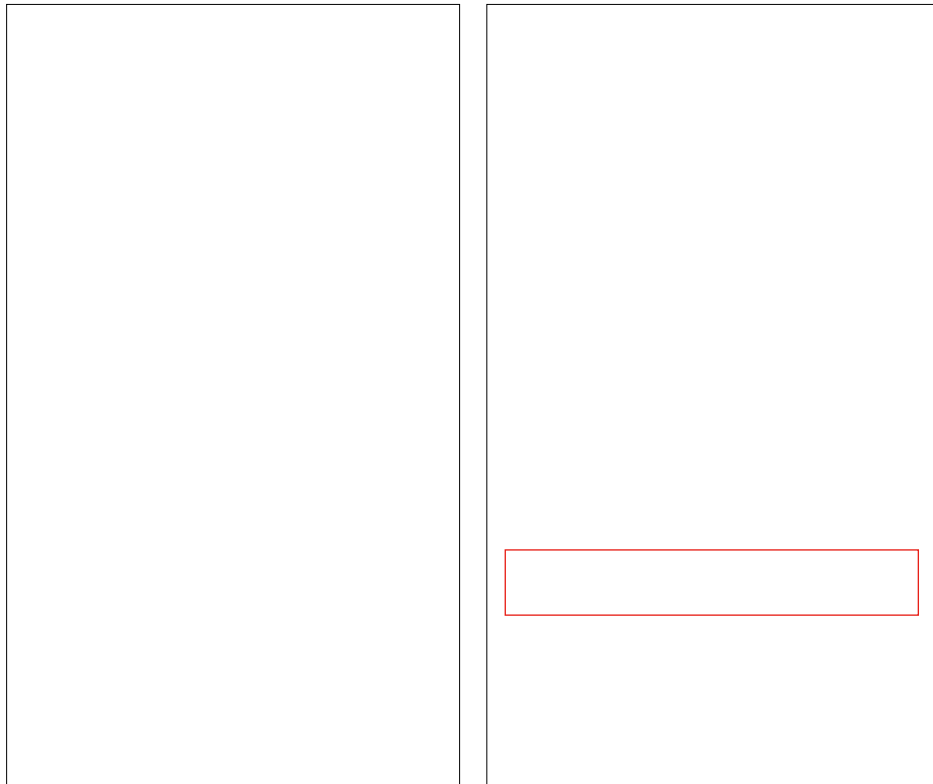
Go to [Status](#) page and swipe upforward. You can the runtime for today, past 7 days and past 30 days.



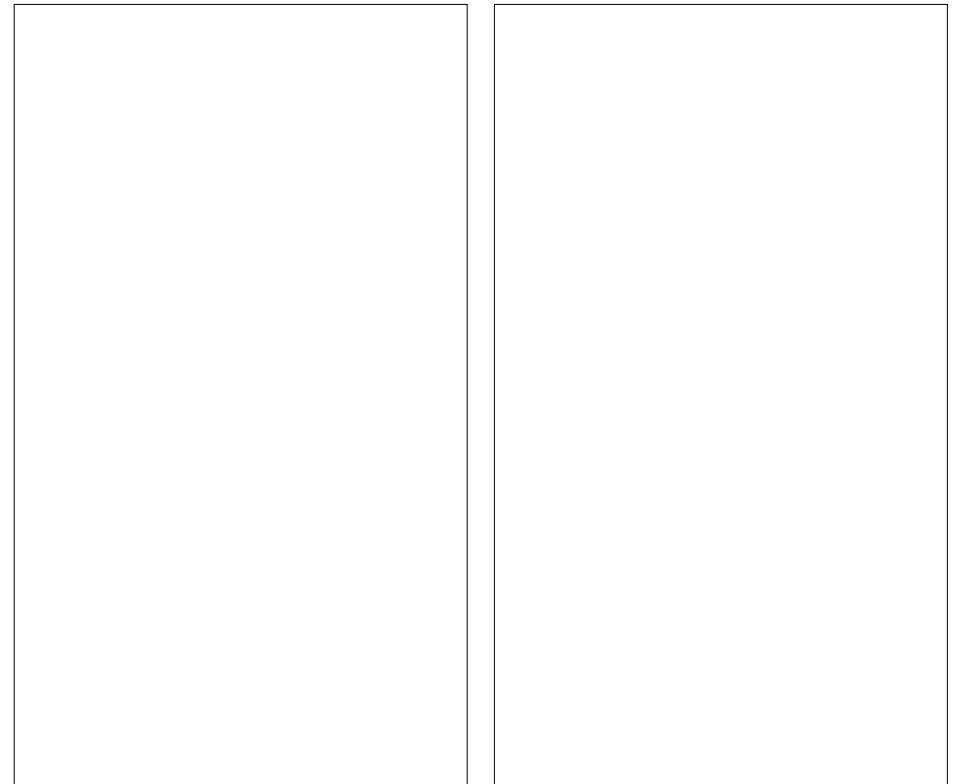
Device Sharing

Share your device to your family by entering their TP-Link ID.

Go to [Status](#) page and swipe upforward. Then tap [Device Sharing](#).



Tap [Share](#) and then enter the TP-Link ID of your family member.

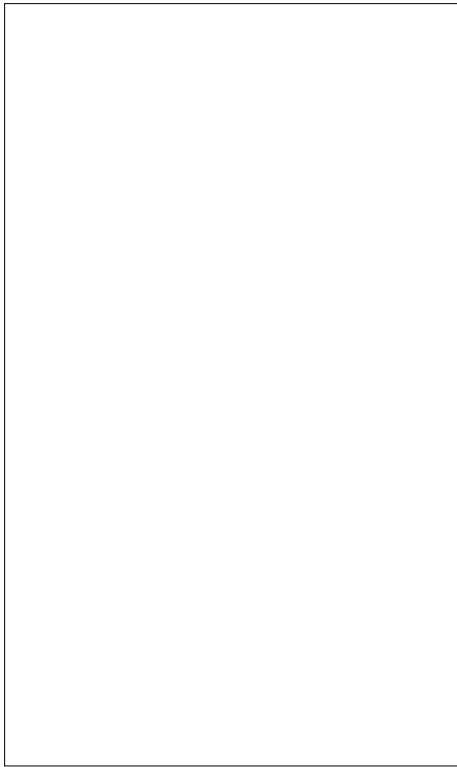


Smart Actions

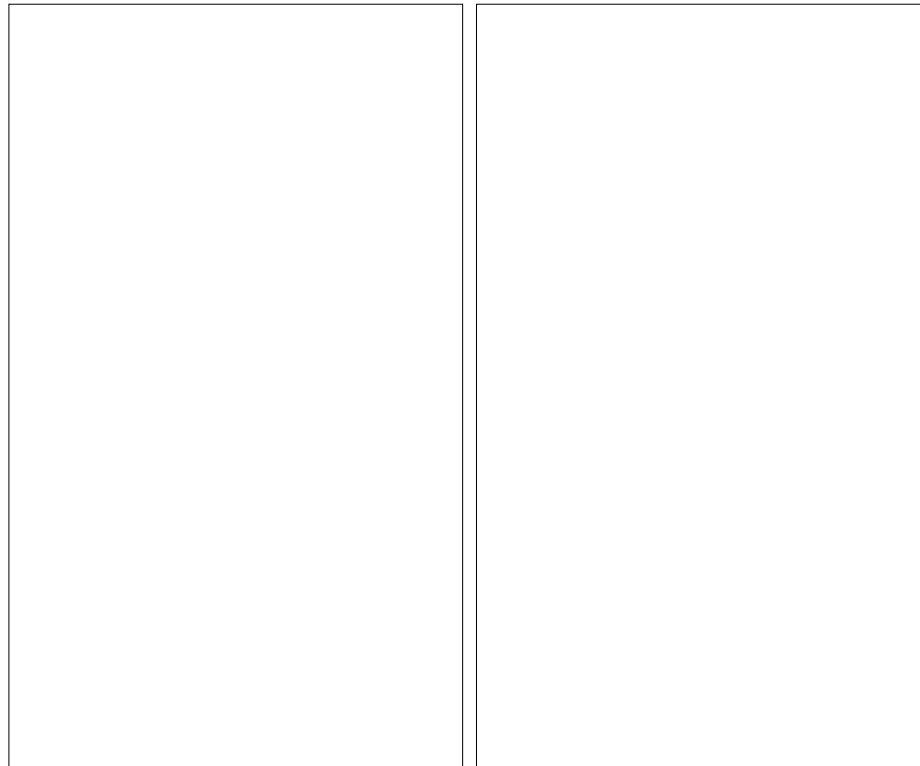
Smart Actions automate repetitive tasks, allowing you to blaze through tedium with utmost ease. Set everything up once and never have to worry about it again. With Smart Actions, giving your home that level of intelligence is a snap. Shortcut lets you perform an action with a simple tap. Automation allows you to automate tasks to be performed at a set time. e.g. The light will light on at sunset.

Option 1: Edit based on the routine actions

1. Go to the [Smart Actions](#) page and you will see the [Featured Actions](#) (Shortcut or Automation).

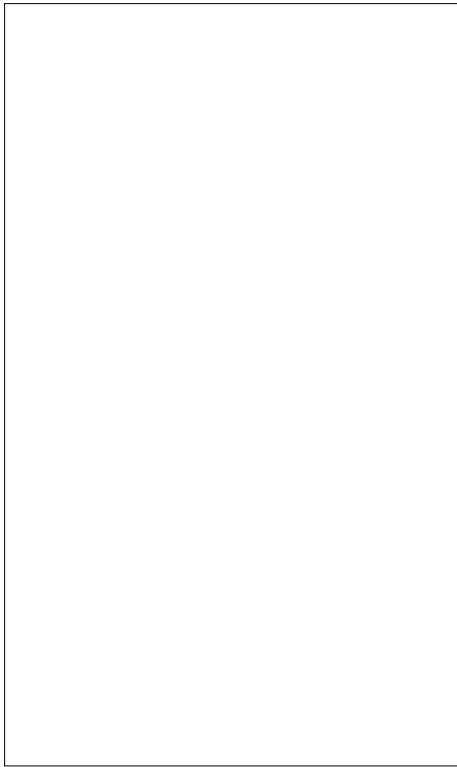


2. Tap on a featured action. Tap [EDIT](#) to change the settings as needed and tap [APPLY](#) to save changes.

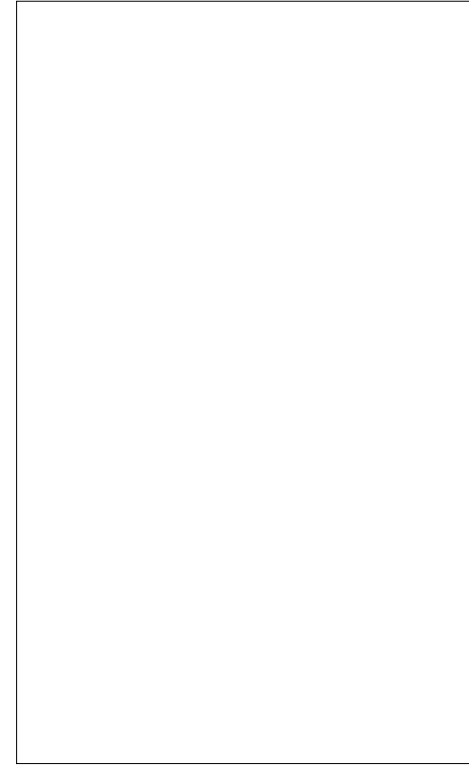
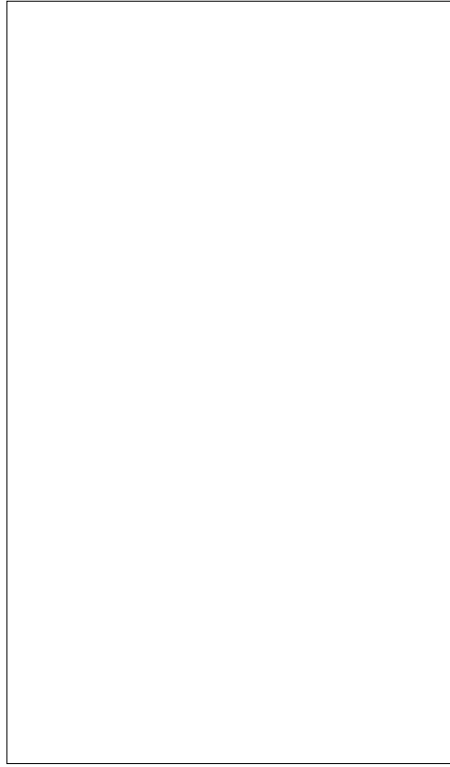


Option 2: Create your own shortcuts

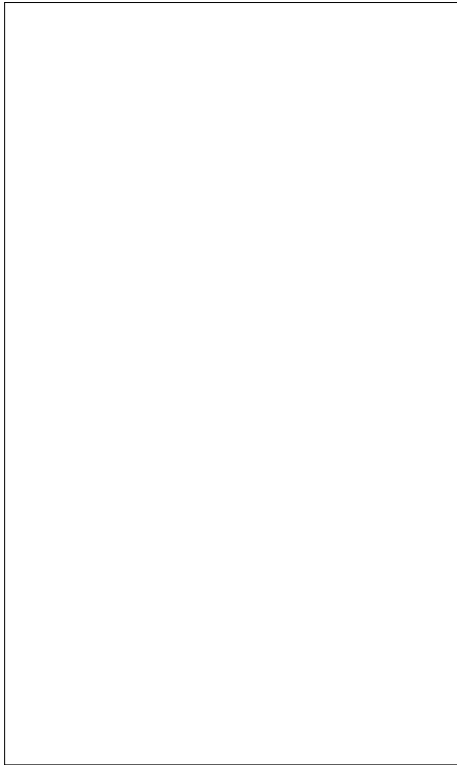
1. Go to [Shortcuts](#) page. Tap + on the top right to add a shortcut.



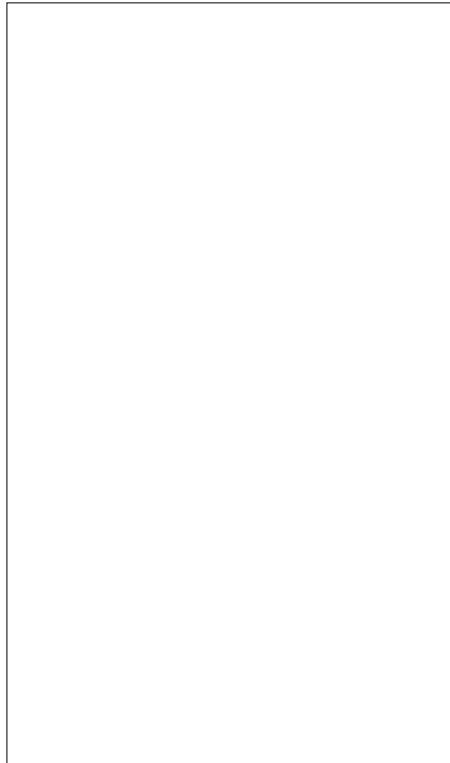
2. Add an action and choose whether to delay the action.



3. Name your shortcut and choose an icon.

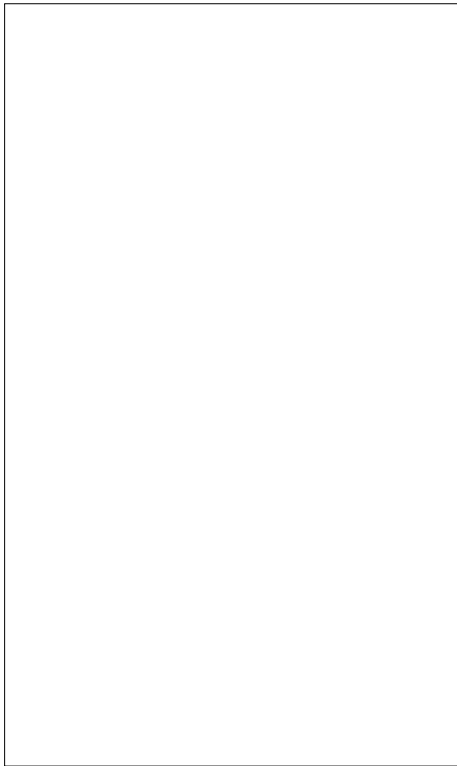


4. Tap [Save](#) to save all the settings.

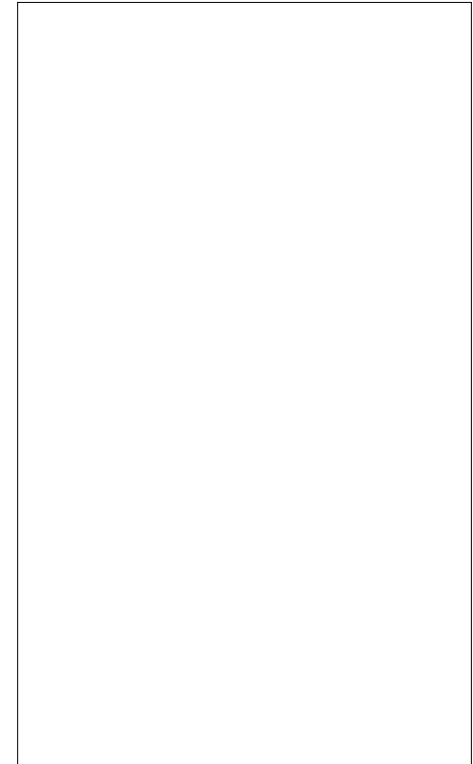
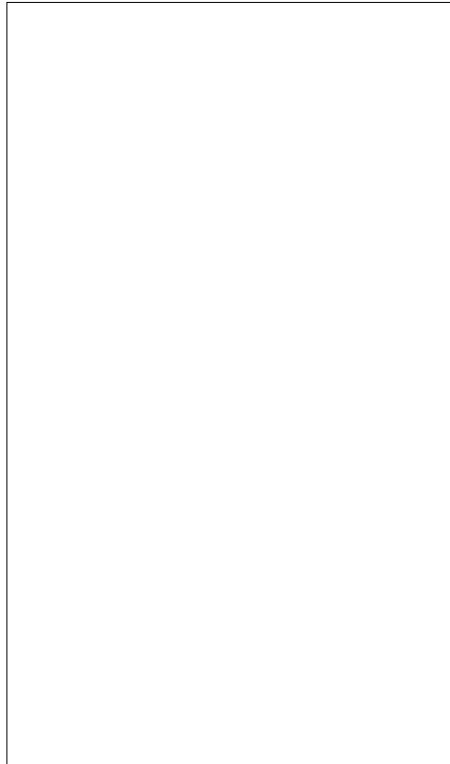


Option 3: Create your own actions

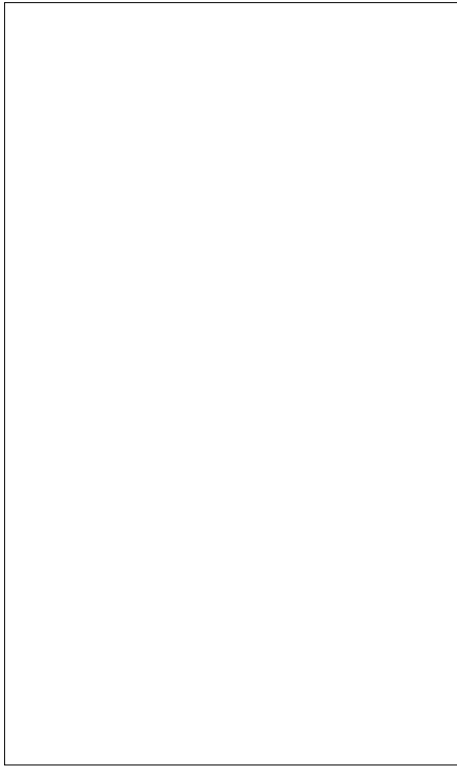
1. Go to [Automation](#) page. Tap + on the top right to add a simple and smart action.



2. Name the new action. Tap + to add conditions ([When](#)) like the trigger time, and tap + to add tasks ([Then](#)) like turning on the switch.




3. Name your automation and set the effective time for the automation. Tap [Done](#) to save all the settings.

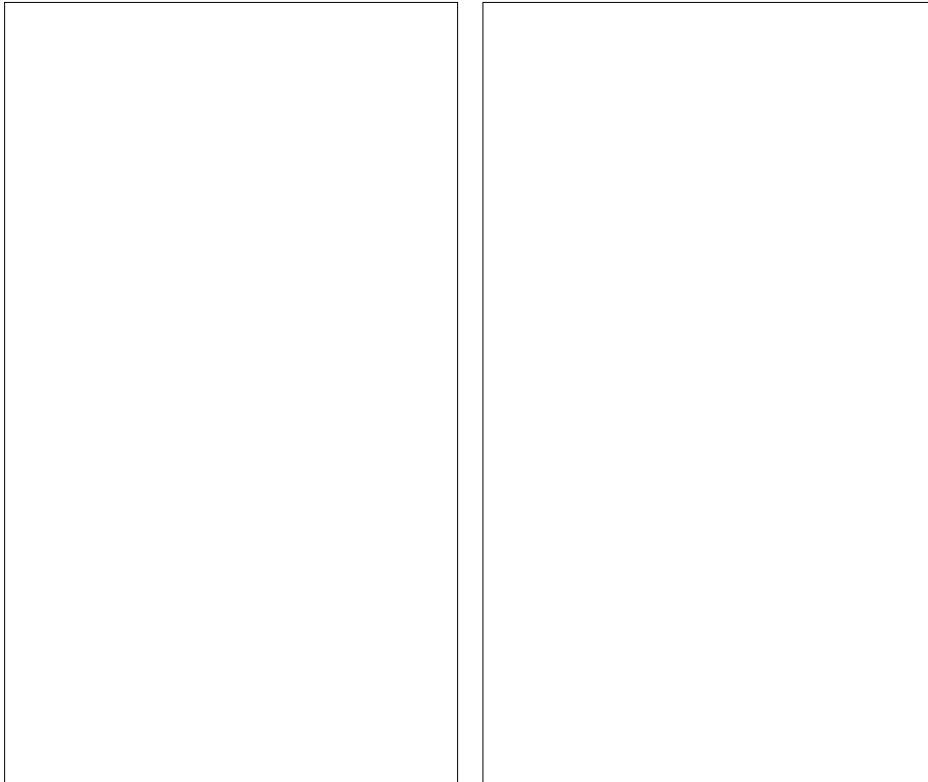


Device Settings

In the Device Settings page, you can edit the basic information, set delayed shut off and double tap effect, update firmware and more.

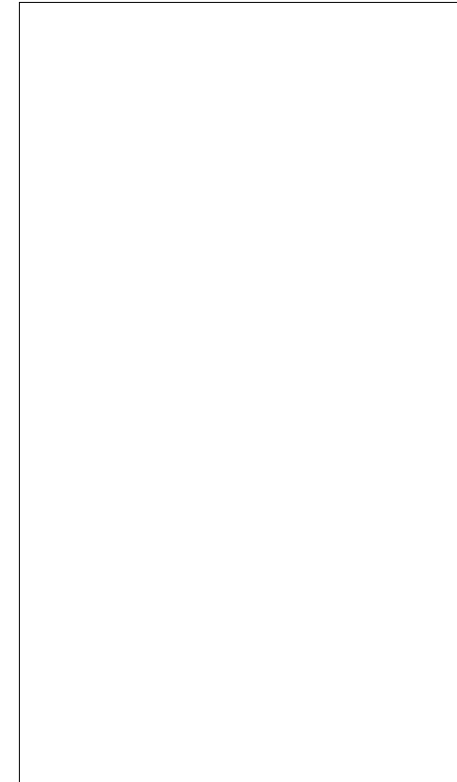
1: Change Device name, icon and location

In the [Status](#) page, tap  to go to the Device Settings page. Then you can change the device icon, name, and its location.



2: Set Delayed Shut Off

When enabled, the light will remain on for the set amount of time before going off so as to provide illumination while leave a room. To turn it off instantly, press the switch one more.



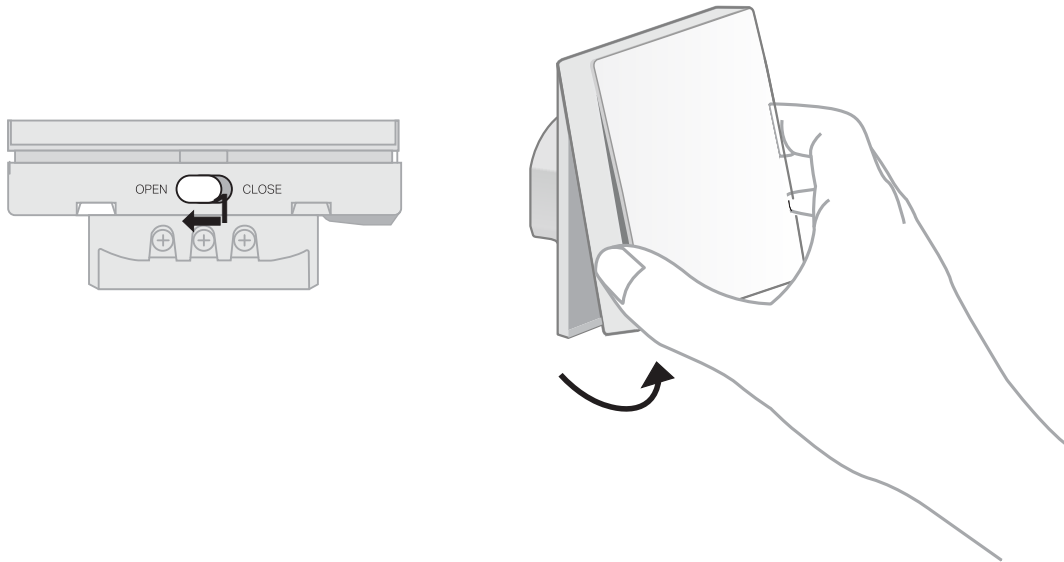
How to Reset Your Switch

There are two methods to reset your switch.

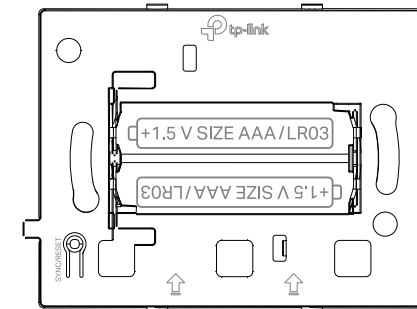
Method 1: Tap the SYNC/RESET button on the switch

1. Slide the lock to the OPEN position. Then hold both sides of the faceplate and pull it away from the back to remove the faceplate.
2. Press the **SYNC/RESET** button for about 5 seconds until the LED blinks red quickly.

Step 1

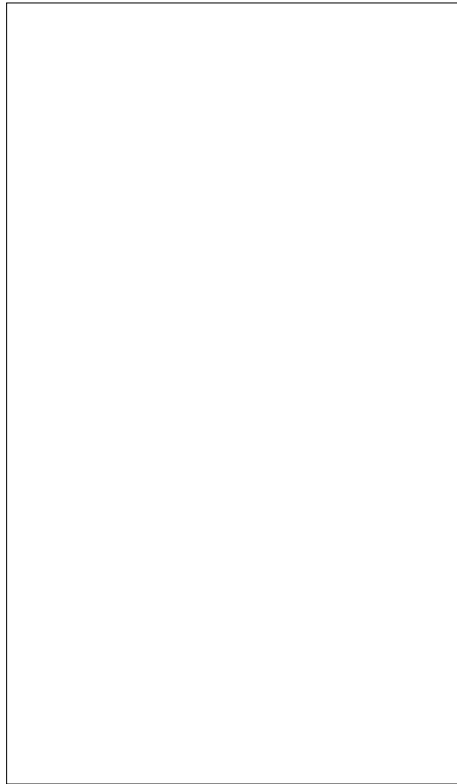


Step 2



Method 2: Remove the device in the Settings page

Go to the Settings page of any button of your switch. Tap **REMOVE** to remove your switch from Tapo.



Authentication

CE Mark Warning



This is a class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

OPERATING FREQUENCY / NOMINAL OPERATING FREQUENCY (the maximum transmitted power)

863~865MHz / 863.35MHz / 25mW (e.r.p)

863~865MHz / 864.35MHz / 25mW (e.r.p)

868~868.6MHz / 868.35MHz / 25mW (e.r.p)

EU Declaration of Conformity

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of directives 2014/53/EU, 2009/125/EC, 2011/65/EU and (EU)2015/863.

The original EU declaration of conformity may be found at <https://www.tapo.com/en/support/ce/>

RF Exposure Information

This device meets the EU requirements (2014/53/EU Article 3.1a) on the limitation of exposure of the general public to electromagnetic fields by way of health protection.

The device complies with RF specifications when the device used at 20 cm from your body.



UK Declaration of Conformity

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of the Radio Equipment Regulations 2017.

The original UK declaration of conformity may be found at <https://www.tapo.com/support/ukca/>



Продукт сертифіковано згідно з правилами системи УкрСЕПРО на відповідність вимогам нормативних документів та вимогам, що передбачені чинними законодавчими актами України.



Safety Information

Before installing, servicing or removing the switch, read and follow all safety precautions including the following:

- Follow all national and local safety regulations and practices. If you are uncertain or uncomfortable when performing the installation, consult a qualified electrician.
- CAUTION – Risk of Electric Shock – More than one disconnect switch may be required to de-energize the equipment and luminaire before servicing. A circuit breaker which disconnects the Line and Neutral conductor simultaneously is suitable. Ensure power is off at the circuit breaker before removing or installing any switch. Use a non-contact voltage tester to ensure the power is off.
- Do not install the Smart Switch with wet hands or when standing on wet or damp surfaces.
- Keep the device away from water, fire, humidity or hot environments.
- Do not attempt to disassemble, repair, or modify the device. If you need service, please contact us.



CAUTION

**Electronic switch integrated in this product is only intended for functional purposes.
De-energized the product at the circuit breaker before servicing.**




CAUTION!

Avoid replacement of a battery with an incorrect type that can defeat a safeguard.

Avoid disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.

Do not leave a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas; Do not leave a battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.

Explanation of the symbols on the product label

Symbol	Explanation
	Direct current
	Alternating current
	Indoor use only
	RECYCLING This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment. User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment.
μ	Switch of micro-gap / micro-disconnection construction