



GB Operating Instructions

## Smart Bluetooth Door Lock

Item no: 3060830



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# 1 Introduction

Thank you for purchasing this product.

If there are any technical questions, please contact:

[www.conrad.com/contact](http://www.conrad.com/contact)

## 2 Product documentation



The product is documented by different sets of instructions:

- Installation instructions
- Operating instructions (for download only)

Use the link [www.conrad.com/downloads](http://www.conrad.com/downloads) (alternatively scan the QR code) to download the instructions (or new/current versions if available). Follow the instructions on the web page.

## 3 Intended use

The product is a Bluetooth door lock. The product supports the following authentication methods:

- Mobile device via Bluetooth
- Passwords (PIN)
- RFID Smart key cards
- Passage mode (the door is always open)

After a user authenticates via an authentication method, the door lock automatically locks again after a few seconds.

The administrator of the door lock is able to add and remove users and assign administrative rights to users.

The door lock is configured and managed via the mobile app Tuya Smart Life/Smart Living.

The product is dust-protected according to IP5X.

The product is intended for indoor use only. Do not use it outdoors.

Contact with moisture must be avoided under all circumstances.

If you use the product for purposes other than those described, the product may be damaged.

Improper use can result in short circuits, fires, or other hazards.

The product complies with the statutory national and European requirements.

For safety and approval purposes, you must not rebuild and/or modify the product.

Read the operating instructions carefully and store them in a safe place. Make this product available to third parties only together with the operating instructions.

All company names and product names are trademarks of their respective owners. All rights reserved.

USB4®, USB Type-C® and USB-C® are registered trademarks of USB Implementers Forum.

## 4 Delivery contents

- Door lock
- CR123A battery
- Reset card
- Cross-head screw driver
- 2x Smart key cards
- 2x Manual keys
- 2x Suction cups
- 2x Hex wrenches
- Installation instructions
- Operating instructions (download)

## 5 Description of symbols

The following symbols are on the product/appliance or are used in the text:



The symbol warns of hazards that can lead to personal injury.

## 6 Safety instructions



**Read the operating instructions carefully and especially observe the safety information. If you do not follow the safety instructions and information on proper handling, we assume no liability for any resulting personal injury or damage to property. Such cases will invalidate the warranty/guarantee.**

### 6.1 General

- The product is not a toy. Keep it out of the reach of children and pets.
- Do not leave packaging material lying around carelessly. This may become dangerous playing material for children.
- If you have questions which remain unanswered by this information product, contact our technical support service or other technical personnel.
- Maintenance, modifications and repairs must only be completed by a technician or an authorised repair centre.

### 6.2 Handling

- Handle the product carefully. Jolts, impacts or a fall even from a low height can damage the product.

### 6.3 Operating environment

- Do not place the product under any mechanical stress.
- Protect the appliance from extreme temperatures, strong jolts, flammable gases, steam and solvents.
- Protect the product from high humidity and moisture.
- Protect the product from direct sunlight.

### 6.4 Operation

- Consult an expert when in doubt about the operation, safety or connection of the product.

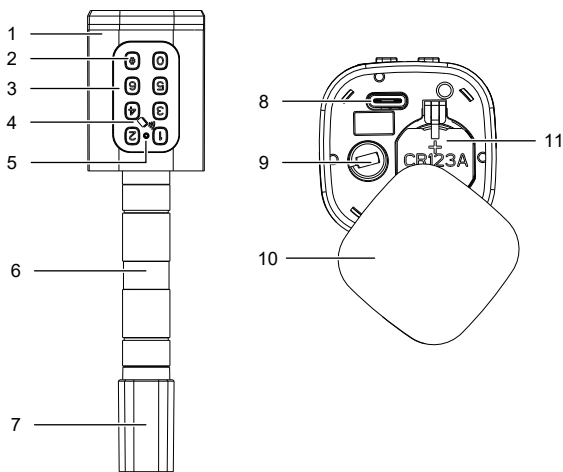
- If it is no longer possible to operate the product safely, take it out of operation and protect it from any accidental use. DO NOT attempt to repair the product yourself. Safe operation can no longer be guaranteed if the product:
  - is visibly damaged,
  - is no longer working properly,
  - has been stored for extended periods in poor ambient conditions or
  - has been subjected to any serious transport-related stresses.

## 6.5 Battery

- Correct polarity must be observed while inserting the battery.
- The battery should be removed from the device if it is not used for a long period of time to avoid damage through leaking. Leaking or damaged batteries might cause acid burns when in contact with skin, therefore use suitable protective gloves to handle corrupted batteries.
- Batteries must be kept out of reach of children. Do not leave batteries lying around, as there is risk, that children or pets swallow them.
- Batteries must not be dismantled, short-circuited or thrown into fire. Never recharge non-rechargeable batteries. There is a risk of explosion!

## 7 Product overview

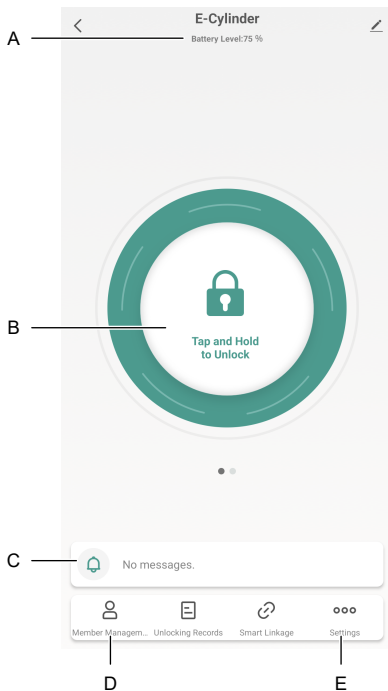
### 7.1 Door lock



|   | Component                 | Description/Notes/Action                                                                 |
|---|---------------------------|------------------------------------------------------------------------------------------|
| 1 | Outer door handle         |                                                                                          |
| 2 | Password confirmation key | After you enter a password/PIN, press the key to confirm your entry and unlock the door. |
| 3 | Keypad                    | Enter passwords/PINs.                                                                    |
| 4 | RFID smart card reader    | Place smart key cards onto the reader to unlock the door.                                |

|    | Component           | Description/Notes/Action                                                                                                                                                                    |
|----|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5  | Indicator light     | The indicator flashes red if an incorrect password/PIN is used.                                                                                                                             |
| 6  | Cylinder            |                                                                                                                                                                                             |
| 7  | Inner door handle   |                                                                                                                                                                                             |
| 8  | USB-C® port         | <ul style="list-style-type: none"> <li>■ If the battery is depleted, supply emergency power via a 5 V/DC USB-C® power supply.</li> <li>■ The USB-C® port is not a charging port.</li> </ul> |
| 9  | Key hole            | Insert the mechanical key and turn the key clockwise to unlock. Fully turn the key counterclockwise before you remove the key.                                                              |
| 10 | Cover               | Use the suction cup to lift the cover.                                                                                                                                                      |
| 11 | Battery compartment | Insert a battery to power the door lock.                                                                                                                                                    |

## 7.2 Door lock dashboard



|   | Component               | Description/Notes/Action                                      |
|---|-------------------------|---------------------------------------------------------------|
| A | Battery level indicator | Replace the door lock battery before the battery is depleted. |

|   | Component         | Description/Notes/Action                                                                            |
|---|-------------------|-----------------------------------------------------------------------------------------------------|
| B | Unlock button     | Move the mobile device close to the door, then tap and hold the button until the door lock unlocks. |
| C | Message area      | View door lock activity.                                                                            |
| D | Member management | Manage door lock users.                                                                             |
| E | Settings menu     | Configure security settings and authentication methods.                                             |

## 8 Getting started

### Step 1: Add the door lock to the mobile app

Add the door lock to the mobile app to configure the lock and set authentication methods. While you add the door lock, you will set up an administrator at the same time. The administrator has full control over the door lock settings and all users that are authorized to use the door lock.

- Refer to [Adding the door lock to the mobile app \[► 12\]](#) for instructions.

### Step 2: Give access to other users

Add other users and define their permissions. For example, share the door lock with a family member that has a Tuya account but prevent the family member from changing their password.

- Refer to [Giving access to users that have no Tuya user account \[► 13\]](#) and [Adding users that have a Tuya user account \[► 13\]](#) for instructions.

### Step 3: Configure and use authentication methods

Configure authentication methods for different users. For example, define passwords for different family members and register smart key cards.

- Refer to [Managing authentication \[► 16\]](#) for instructions.

### Step 4: Learn how to unlock the door lock in emergency situations

- Refer to [Emergency situations \[► 22\]](#) to learn more.

## 9 Mobile app

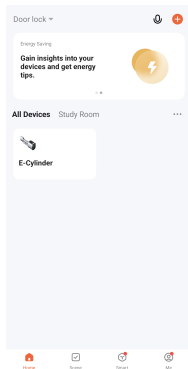
### 9.1 Adding the door lock to the mobile app

After adding the door lock to the mobile app, you can configure and manage the door lock.

**Note:**

The user account under which the door lock is registered is automatically the administrator user.

1. Install the mobile app Tuya "Smart Life - Smart Living" and create a Tuya account.
  2. On the door lock key pad, press a button to activate the door lock.
  3. Add the door lock to the mobile app.
- The default password and the smart key cards are disabled. Refer to [Default authentication settings](#) [▶ 22] to learn more.
- The lock is ready for configuration.



### 9.2 Moving the door lock to a new mobile device

You can easily move the door lock to a new mobile device without losing the door lock configuration settings. Moving between mobile devices requires that the door lock remains registered under the same user account.

1. On the old mobile device, remove the door lock from the Tuya app.
  2. On the new mobile device, add the door lock to the Tuya app.
- You can now manage the door lock from the new mobile device.

# 10 Managing users

## 10.1 User types

The administrator can authorize or restrict functions for different user types. Every user is managed by the administrator.

| User                                 | User functions                                                                                                                   |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Administrator                        | <ul style="list-style-type: none"><li>■ Perform any function.</li></ul>                                                          |
| User without Tuya user account       | <ul style="list-style-type: none"><li>■ Use passwords to unlock.</li><li>■ Use smart key cards to unlock.</li></ul>              |
| Family member with Tuya user account | If authorized: <ul style="list-style-type: none"><li>■ Use mobile device to unlock.</li><li>■ Perform other functions.</li></ul> |
| Other member with Tuya user account  | If authorized: <ul style="list-style-type: none"><li>■ Use mobile device to unlock.</li></ul>                                    |

## 10.2 Giving access to users that have no Tuya user account

The easiest way to give users access is by sharing passwords and smart key cards that are registered under the administrator account.

1. Set passwords in the administrator account. Refer to [Setting user-level passwords \[► 18\]](#) for instructions.
2. Register smart key cards under the administrator account. Refer to [Registering smart key cards \[► 16\]](#) for instructions.
3. Share passwords and smart key cards with users.

## 10.3 Adding users that have a Tuya user account

The administrator can allow users that have a Tuya account to authenticate using their mobile device and perform other functions.

### Note:

Family members will be added to the Tuya home (space) to which the administrator added the door lock.

Preconditions:

- ✓ The mobile device is connected to the Internet.
- 1. Open the mobile app and go to the door lock dashboard.
- 2. Tap the button Member Management.
- 3. Add a family member or other member.
- 4. Configure the user. Refer to [Configuring users that have a Tuya user account](#) [▶ 14] for instructions.

#### Family Member      Other Member

Administrators can set passwords for themselves or other users. Family members can set passwords for their use. Other members can set passwords only when they are granted the permission to set passwords.



Door lock  
xxx.@gmail.com

Family  
Member



freddy.joe  
xxx.@gmail.com

Administra-  
tor

#### Family Member

After adding:

1. The user will join the family.
2. The user will be able to control and use all devices in the family.

Add

#### Other Member

After adding:

1. The user only appears in the member list of the current lock and can only view their own unlocking records.
2. The user cannot obtain the permissions to operate or manage the lock.
3. To grant the user operation permissions on the lock, you must use the device sharing function.

Add

## 10.4 Configuring users that have a Tuya user account

After the administrator adds a user, the administrator must determine what functions the user is allowed to perform.

1. Under Member Management, tap the user and configure the functions the user can perform. Refer to the below table for settings.

| Permission                                     | Description                                                                                                        |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Password management                            | The user is authorized to add and delete their own passwords.                                                      |
| Card management                                | The user is authorized to add and delete smart key cards.                                                          |
| Unlock with Mobile Phone                       | The user is authorized to unlock the door lock with their mobile device.                                           |
| Dynamic Password Management (remote passwords) | The user is authorized to generate passwords and consequently distribute them without the administrator's consent. |
| Password management                            | The user is authorized to add and delete their own passwords.                                                      |

## 10.5 Removing users that have a Tuya user account

Removing a user will prevent them from accessing/viewing and using the door lock via the mobile app.

### Family member

1. Open the mobile app and go to the Tuya home (space) under which the door lock was added.
2. Remove the user.

### Other member

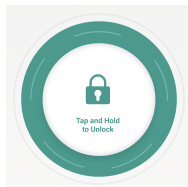
1. Open the mobile app and go to Member Management.
2. Tap the user and remove it.

# 11 Managing authentication

## 11.1 Using mobile devices to authenticate (unlock)

Preconditions:

- ✓ Bluetooth is enabled on the mobile device.
- ✓ The mobile device is near the door lock.
- 1. Open the mobile app and go to the door lock dashboard.
- 2. Connect to the door lock by touching the unlock button.
  - The unlock button in the mobile app turns green.
- 3. Touch and hold the unlock button until the door lock unlocks.
  - The unlock button turns orange.
  - After a few seconds, the door lock locks automatically.



### Notes:

#### Resolving Bluetooth connection conflicts

The mobile app and the door lock can only manage one Bluetooth connection at a time. If two mobile devices are close to the door lock and both try to connect to the door lock, the first one that connects will hold the connection. To resolve connection conflicts:

1. Fully close the mobile app on one of the mobile devices. Running the Tuya mobile app in the background is not enough to resolve connection conflicts.

## 11.2 Registering smart key cards

With smart key cards, you can unlock the door lock via the RFID reader on the keypad.

**Note:**

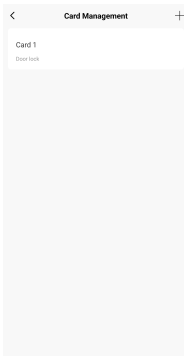
The supplied smart key cards are unique to the door lock. If you have multiple door locks of the same model, you must use the smart key cards that belong to each door lock.

**Note:**

You can register your own smart key cards. The door lock supports third-party MIFARE® Classic 1K smart cards.

**Preconditions:**

- ✓ The mobile device is connected to the Internet.
  - ✓ Bluetooth is enabled on the mobile device.
  - ✓ The mobile device is near the door lock.
1. Open the mobile app and go to the door lock dashboard.
  2. Connect to the door lock by touching the unlock button.
    - The unlock button in the mobile app turns green.
  3. In the mobile app go to **Settings > Card management**.
  4. Tap the button **Add card** or **+** and follow the on-screen instructions to register a smart key card.
- You can now unlock the door lock by placing the smart key card over the RFID reader on the door lock keypad.

**Note:**

If you use an unregistered smart key card 4x, the door lock will beep 4x and then disable for 1 minute.

## 11.3 Setting user-level passwords

A user level password belongs to a user that is configured in the mobile app. If the administrator is the only registered user, all user level passwords belong to the administrator.

Preconditions:

- ✓ The mobile device is connected to the Internet.
  - ✓ Bluetooth is enabled on the mobile device.
  - ✓ The mobile device is near the door lock.
1. Open the mobile app and go to the door lock dashboard.
  2. Connect to the door lock by touching the unlock button.
    - The unlock button in the mobile app turns green.
  3. In the mobile app go to **Settings > Password Management**.
  4. Tap the button **+** and follow the on-screen instructions.
- You can now unlock the door lock by entering the **{password} + {#}** on the door lock keypad.

### Note:

If you enter an incorrect password 4x, the door lock will beep 4x and then disable for 1 minute. Try again after waiting for 1 minute.

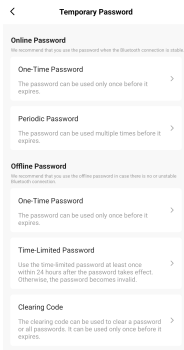
## 11.4 Generating temporary passwords

Generate a temporary password to provide any door lock user with a password that is valid for a specific time period.

In contrast to user-level passwords, temporary passwords are not assigned to a particular user. Temporary passwords can be useful if you want to allow someone to only be able to unlock the door during a well-defined time period.

## Preconditions:

- ✓ You are authorized to generate temporary passwords.
  - ✓ The mobile device is connected to the Internet.
  - ✓ Bluetooth is enabled on the mobile device.
  - ✓ The mobile device is near the door lock.
1. Open the mobile app and go to the door lock dashboard.
  2. Connect to the door lock by touching the unlock button.
    - The unlock button in the mobile app turns green.
  3. In the mobile app go to **Settings > Temporary Password**.
  4. Set passwords by following the on-screen instructions.
- You can now unlock the door lock by entering the **{password} + {#}** on the door lock keypad.



### Note:

If you enter an incorrect password 4x, the door lock will beep 4x and then disable for 1 minute. Try again after waiting for 1 minute.

## 11.5 Generating remote passwords

Remote passwords are also called dynamic passwords. Generate a remote password if you are unable to register a password on the door lock.

How remote passwords work:

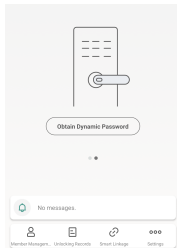
Remote passwords can be used multiple times during a time period of 5 minutes based on a counter. The counter starts when the password is entered for the first time. As soon as the counter reaches 5 minutes, the password stops working.

### Important:

Be very careful with remote passwords. An individual can keep the password for later use and unlock the door at a point in time that you did not expect. This is possible because the timer that invalidates the password only starts after the individual uses the password for the first time.

Preconditions:

- ✓ The mobile device is connected to the Internet.
- 1. In the mobile app on the door lock dashboard, swipe the screen to the right.
- 2. Generate a remote password by tapping the button Obtain Dynamic Password.
- You can now unlock the door lock by entering the **{password} + {#}** on the door lock keypad.



### Note:

If you enter an incorrect password 4x, the door lock will beep 4x and then disable for 1 minute. Try again after waiting for 1 minute.

## 11.6 Using the passage mode (without authentication)

The passage mode keeps the door lock unlocked so that any person can open the door without authentication. Enabling the passage mode will disable other authentication settings (example: passwords) until you disable the passage mode again.

### Enable the passage mode

Preconditions:

- ✓ Bluetooth is enabled on the mobile device.
- ✓ The mobile device is near the door lock.
- 1. Open the mobile app and go to the door lock dashboard.
- 2. Connect to the door lock by touching the unlock button.
  - The unlock button in the mobile app turns green.

3. Under **Settings**, enable the passage mode by tapping the slider **Automatic lock** switch to disable the slider.

→ The lock emits a beep sound.

→ The unlock button lights orange.

→ The passage mode is enabled and everyone can open the door.

→ Other authentication settings are disabled.

## Disable the passage mode

1. Under **Settings**, disable passage mode by tapping the slider **Automatic lock** switch to activate the slider.

→ The lock emits a beep sound.

2. The passage mode is disabled and users must authorize again to unlock the door.

→ Other authentication settings are enabled again.

## 11.7 Resetting all authentication methods

By resetting the door lock, you remove all configured authentication settings and apply the default authentication settings. Resetting also disables the door lock in the mobile app. To reset the door lock, you use the reset card **RESET**.

### Important:

Keep the reset card **RESET** in a safe place to which only authorized users have access.

## Before resetting

1. On the door lock key pad, press any button. If you hear 4x beep sounds, the door lock timer is active and you must reset it.
2. (If resetting is required) Reset the timer by waiting for 1 minute or by supplying USB-C® power by following the instructions in [Supplying emergency power](#) [▶ 23].

## Resetting

1. Hold the reset card **RESET** against the keypad on the door lock until you hear a beep sound.

- The door lock will reset all authentication settings and apply the default authentication settings.
- The door lock is disabled in the mobile app.
- The door lock is reset to the default authentication settings. Refer to [Default authentication settings](#) [► 22] to learn more.

## 11.8 Default authentication settings

If the door lock is not registered to a Tuya user account, the default authentication settings are applied. As soon as you register the door lock under a Tuya user account in the mobile app, the default authentication settings are disabled.

### Important:

For security reasons, you should not never operate the door lock with the default authentication settings.

| Type            | Default setting                                        |
|-----------------|--------------------------------------------------------|
| Password        | 123456                                                 |
| Smart key cards | All provided smart key cards can unlock the door lock. |

Refer to [Resetting all authentication methods](#) [► 21] to apply the default settings.

## 12 Emergency situations

### 12.1 Using the mechanical key to unlock

The mechanical key is designed for emergency use. Do not use the mechanical key for regular unlocking.

1. Attach the supplied suction cup to the cover.
2. Lightly pull the cover and rotate the cover to the right.
3. Insert the key into the keyhole and rotate the key clockwise to unlock the door lock.
4. Rotate the lock handle to open the door.
5. Rotate the key counterclockwise into its original position and remove the key.

## 12.2 Supplying emergency power

If the battery is depleted, you can use a USB-C® power source to temporarily supply power and use the door lock.

1. Attach the supplied suction cup to the cover.
2. Lightly pull the cover and rotate the cover to the right.
3. Connect a 5 V/DC USB-C® power source to the USB-C® port.
  - The door lock emits an audible beep to indicate that power is supplied.
4. Unlock the door with one of the authentication methods (example: password).

## 12.3 How to unlock the door if all other options fail

If all emergency solutions fail and you have access to the reset card **RESET**, you can reset the door lock and open the door with the default authentication settings.

1. Reset the door lock. Refer to [Resetting all authentication methods \[► 21\]](#) for instructions.
2. Unlock the door by entering {123456} + {#} on the keypad.

# 13 Cleaning and care

### Important:

Replace the batteries at least once a year to prevent leaking.

### Important:

- Do not use aggressive cleaning agents, rubbing alcohol or other chemical solutions. They damage the housing and can cause the product to malfunction.
- Do not immerse the product in water.

1. Clean the product with a dry, fibre-free cloth.

## 14 Declaration of Conformity (DOC)

Conrad Electronic SE, Klaus-Conrad-Straße 1, D-92240 Hirschau hereby declares that this product conforms to the 2014/53/EU directive.

- Click on the following link to read the full text of the EU declaration of conformity: [www.conrad.com/downloads](http://www.conrad.com/downloads)

Enter the product item number in the search box. You can then download the EU declaration of conformity in the available languages.

## 15 Disposal

### 15.1 Product



This symbol must appear on any electrical and electronic equipment placed on the EU market. This symbol indicates that this device should not be disposed of as unsorted municipal waste at the end of its service life.

Owners of WEEE (Waste from Electrical and Electronic Equipment) shall dispose of it separately from unsorted municipal waste. Spent batteries and accumulators, which are not enclosed by the WEEE, as well as lamps that can be removed from the WEEE in a non-destructive manner, must be removed by end users from the WEEE in a non-destructive manner before it is handed over to a collection point.

Distributors of electrical and electronic equipment are legally obliged to provide free take-back of waste. Conrad provides the following return options **free of charge** (more details on our website):

- in our Conrad offices
- at the Conrad collection points
- at the collection points of public waste management authorities or the collection points set up by manufacturers or distributors within the meaning of the ElektroG

End users are responsible for deleting personal data from the WEEE to be disposed of.

It should be noted that different obligations about the return or recycling of WEEE may apply in countries outside of Germany.

## 15.2 (Rechargeable) batteries

Remove batteries/rechargeable batteries, if any, and dispose of them separately from the product. According to the Battery Directive, end users are legally obliged to return all spent batteries/rechargeable batteries; they must not be disposed of in the normal household waste.



Batteries/rechargeable batteries containing hazardous substances are labelled with this symbol to indicate that disposal in household waste is forbidden. The abbreviations for heavy metals in batteries are:

Cd = Cadmium, Hg = Mercury, Pb = Lead (name on (rechargeable) batteries, e.g. below the trash icon on the left).

Used (rechargeable) batteries can be returned to collection points in your municipality, our stores or wherever (rechargeable) batteries are sold. You thus fulfil your statutory obligations and contribute to environmental protection.

Batteries/rechargeable batteries that are disposed of should be protected against short circuit and their exposed terminals should be covered completely with insulating tape before disposal. Even empty batteries/rechargeable batteries can contain residual energy that may cause them to swell, burst, catch fire or explode in the event of a short circuit.

## 16 Maintenance

### 16.1 Replacing the battery

Replace the battery if the battery status indicator on the mobile app dashboard shows 15 % or if the door lock no longer responds to key input.

1. Prepare a CR123A battery.
2. Attach the supplied suction cup to the door lock cover.
3. Lightly pull the cover and rotate the cover to the right to reveal the battery compartment cover.
4. Remove the screw from the battery compartment cover.
5. Remove the old battery.
6. Slide the new battery with the plus (+) pole facing out into the battery compartment.
7. Close the battery compartment cover and tighten the screw.

- The door lock emits a beep sound to confirm that the battery supplies power.

## 17 Technical data

|                              |                      |
|------------------------------|----------------------|
| Power supply .....           | 1x 3V CR123A battery |
| Idle current.....            | max. 50 $\mu$ A      |
| Active current.....          | 100 mA               |
| Emergency power supply ..... | 5 V/DC via USB-C®    |

### Lock type

|                    |          |
|--------------------|----------|
| Grade.....         | C        |
| Cylinder type..... | European |

### Installation

|                               |            |
|-------------------------------|------------|
| Suitable door thickness ..... | 35 - 60 mm |
|-------------------------------|------------|

### Cloud connectivity

|                  |                              |
|------------------|------------------------------|
| Mobile app ..... | Tuya Smart Life/Smart Living |
|------------------|------------------------------|

### Password authentication (PIN)

|                                |               |
|--------------------------------|---------------|
| Default password.....          | 123456        |
| Supported password type.....   | Numeric (PIN) |
| Password length .....          | 6 - 10 digits |
| Max. registered passwords..... | 100           |

### Smart card authentication

|                                   |                     |
|-----------------------------------|---------------------|
| Smart card technology.....        | RFID                |
| Supported smart card types .....  | MIFARE®             |
| Max. registered smart cards ..... | 100                 |
| Smart card frequency .....        | 13.553 - 13.567 MHz |
| Transmission power .....          | 7.3 dBm             |

Smart card encryption ..... Crypto-1

### **Bluetooth authentication**

Bluetooth protocol..... BLE V4.2

Wireless frequency band ..... 2.402 - 2.480 GHz

Wireless range ..... max. 15 m

Wireless transmission power ... 3.25 dBm

### **Mechanical authentication**

Mechanical key..... Yes

### **Others**

Ingress protection ..... IP5X

Operating temperature ..... -20 to +50 °C

Operating humidity ..... 10 – 90 % RH (non-condensing)

Storage temperature ..... -20 to +50 °C

Storage humidity ..... 10 – 90 % RH (non-condensing)

Dimensions (W x H x D) (approx.) ..... 42 x 42 x 140 mm

Weight (approx.) ..... 390 g



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