

User Manual for the Sunny Link Application



Work with
Sunny - Link



Bluetooth

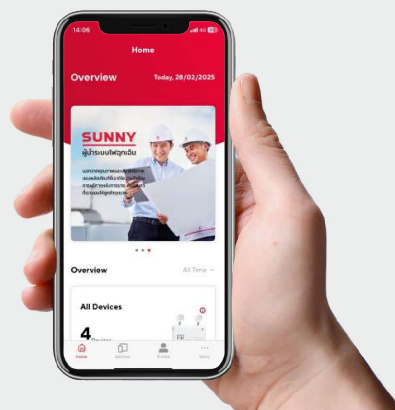
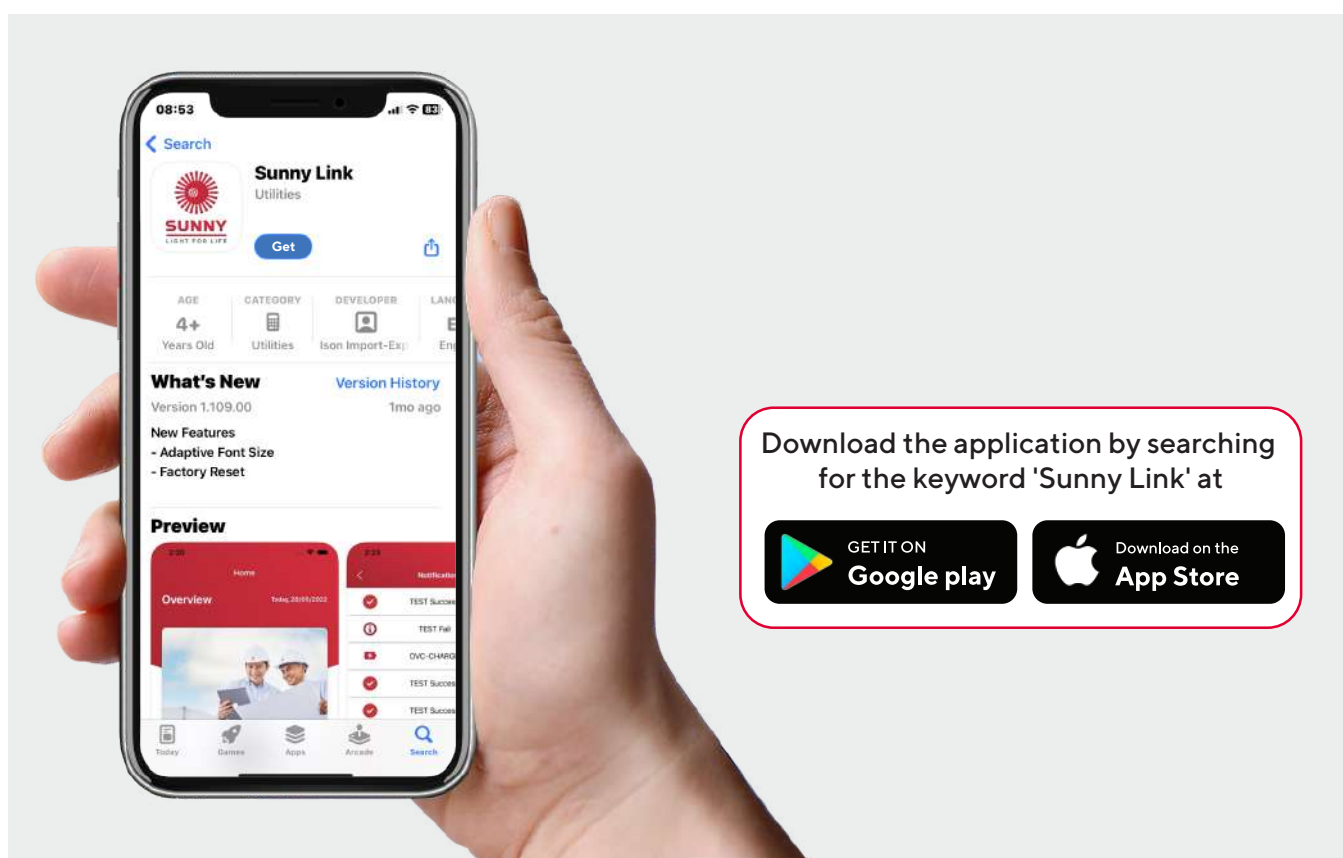


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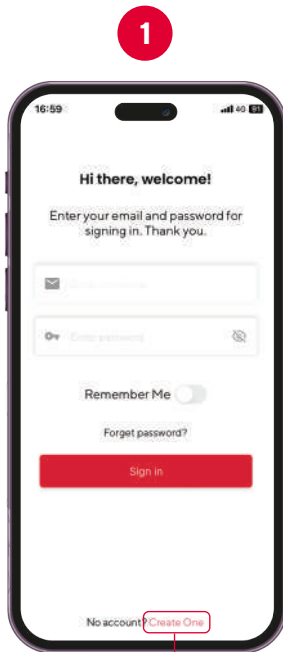
1. Getting Started with the Application



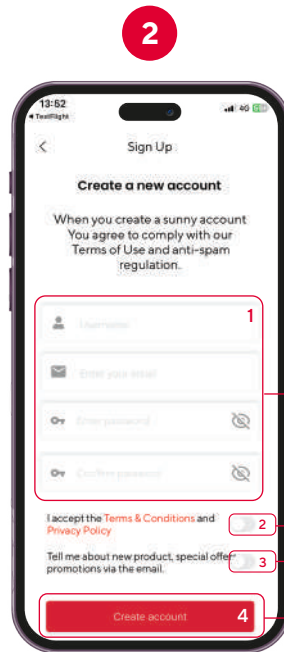
Recommendations for users

- Please update your operating system to iOS 9.0 or higher for Apple devices, or Android version 6.0 or higher for Android devices. If your current version is lower than these requirements, the application may not function properly.
- To use the application, users must enable usage on their mobile devices as follows:
 1. Internet Connection
 2. Bluetooth Connection
 3. Location Services

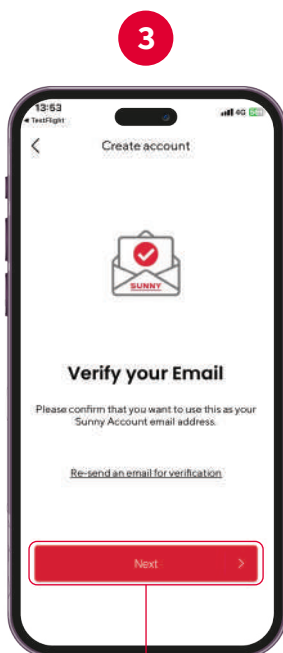
1.1 Create an Account



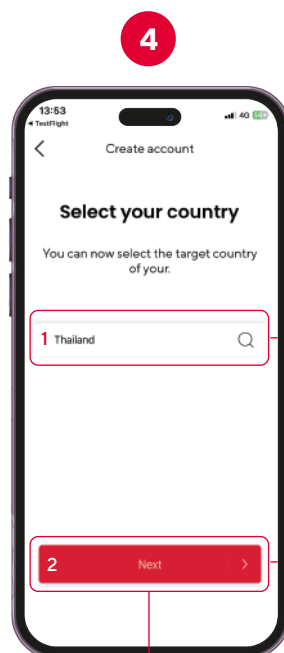
Tap on the 'Create One' button.



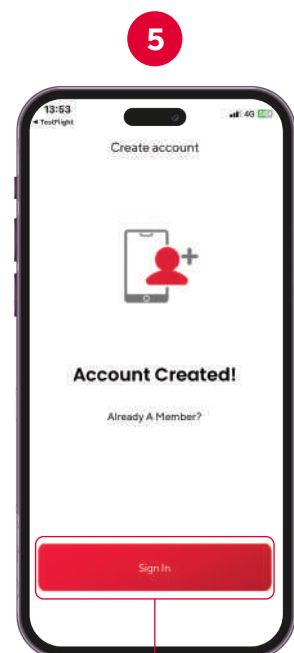
1. Enter your username, email address, and password.
2. Select to agree to the Terms & Conditions and Privacy policy.
3. Select to agree to the Terms & Conditions. Tell me about new product, special offers promotions via the email.
4. Tap on the 'Create account' button.



Tap on the 'Next' button.

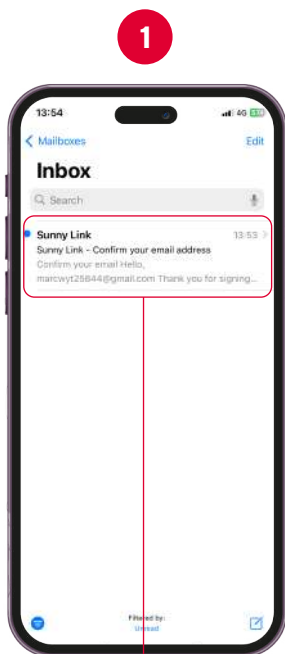


1. Select the user's country.
2. Tap on the 'Next' button.



Tap on the 'Sign In' button.

1.2 Confirm Email Address



Select the Sunny Link email.
- Confirm your email address.

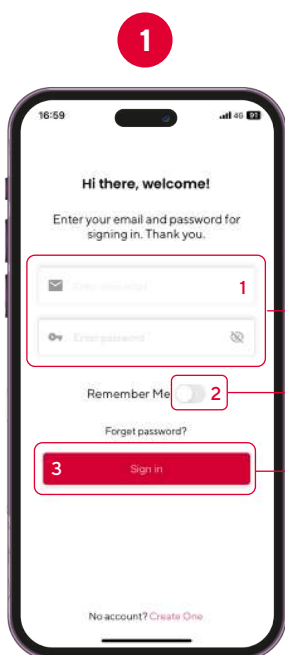


Tap on the 'CONFIRM EMAIL' button.



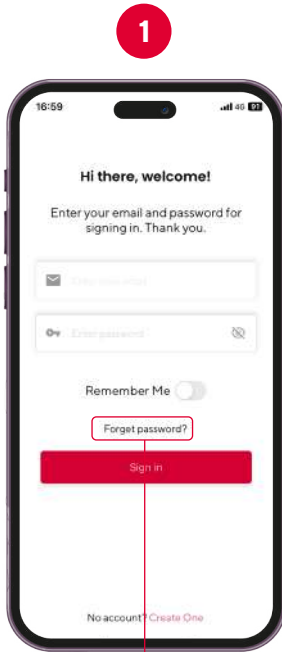
Confirm Email Address.

1.3 Sign In

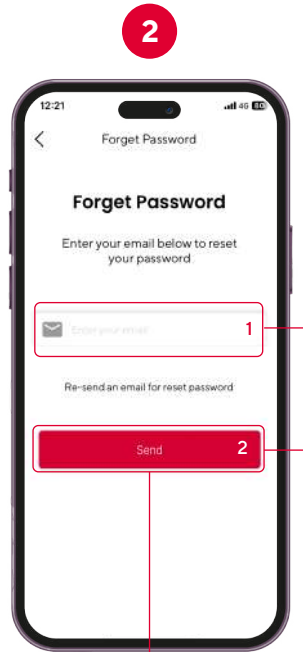


1. Enter your name, email account, and password.
2. Select 'Remember me' (if you want to automatically sign in next time).
3. Tap on the 'Sign In' button.

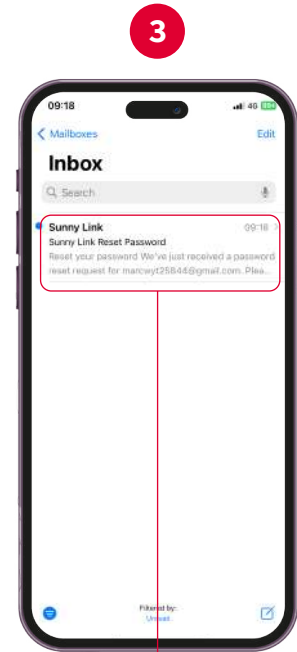
1.4 Forgot Password



Tap on the 'Forgot password ?' button.



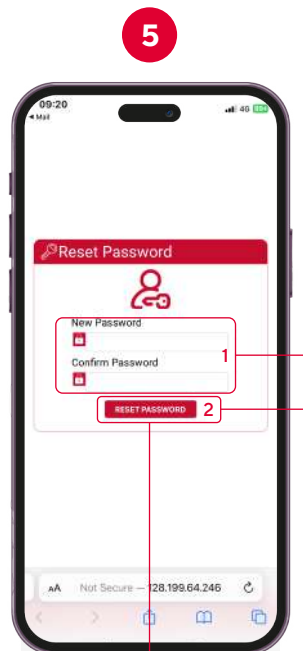
1. Enter your email.
2. Tap on the 'Send' button.



Select the Sunny Link Reset Password email.



Tap on the 'RESET PASSWORD' button.

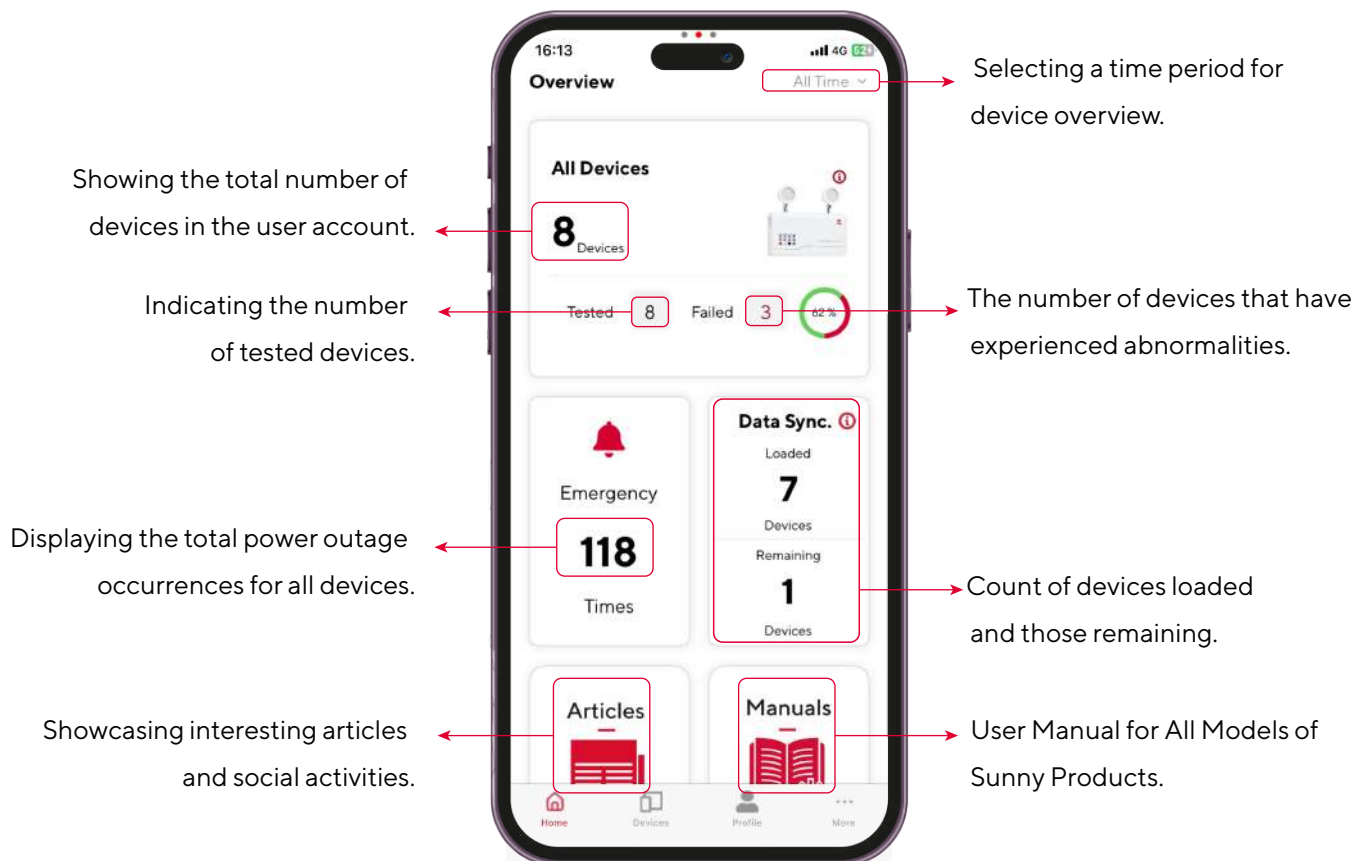


1. Enter a new password for accessing the account and enter the password again for confirmation.
2. Tap on the 'RESET PASSWORD' button.



The password change has been successful.

2. Application Usage: Home Page

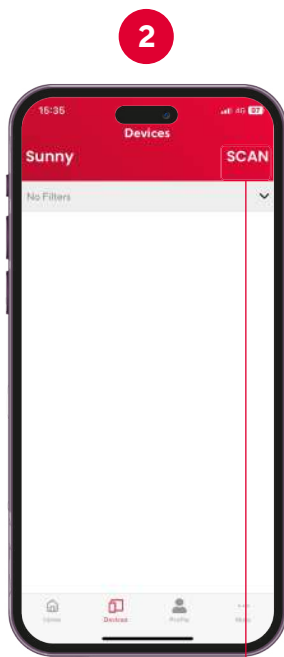


3. Application Usage: Devices Page

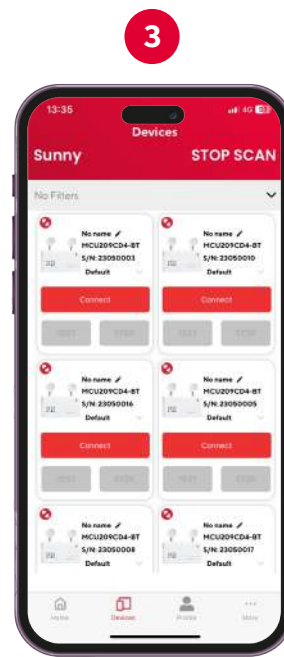
3.1 Device Search



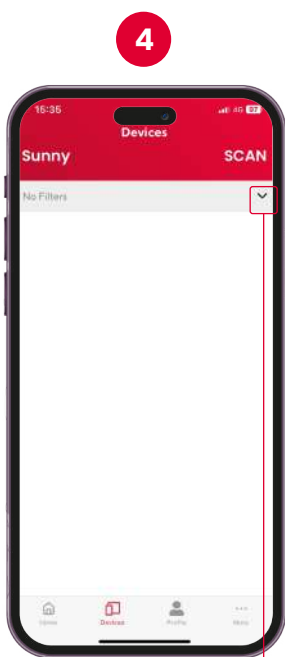
Tap on the 'Devices' icon.



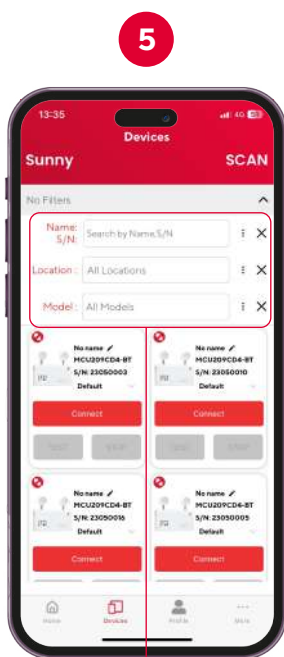
Tap on the 'SCAN' button.



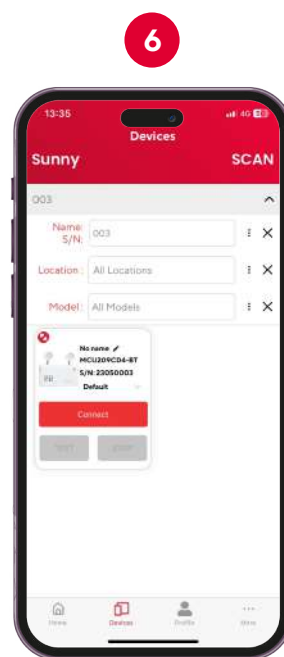
Nearby devices will be displayed.



Tap on the button.



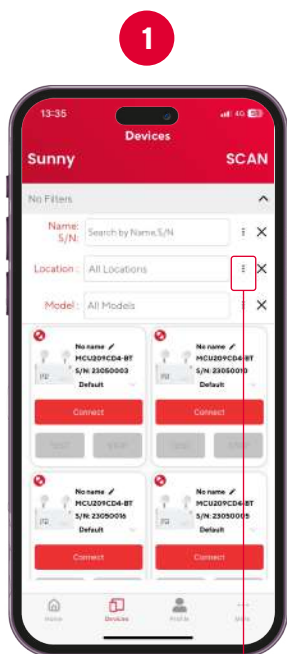
Enter the information of the device you want to display.



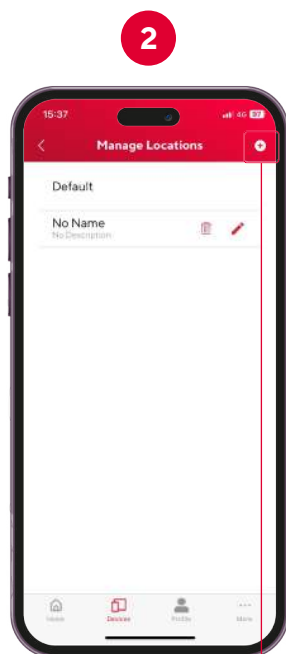
Filtering device cards based on matching information.

3.2 Setting Device Location

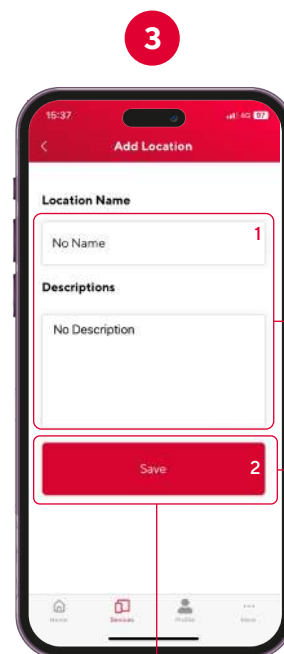
3.2.1 Add Location



Tap on the 'Devices' icon.

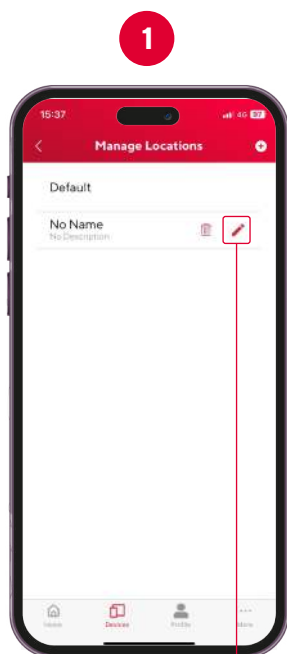


To add a new location, tap on the icon.

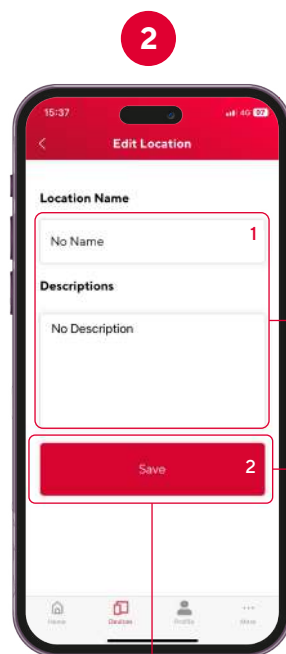


1. Enter the name of the location and a description of the location.
2. Tap on the 'Save' button.

3.2.2 Edit Location

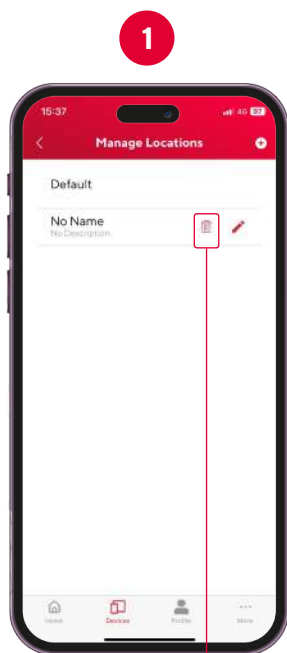


Editing location information by tapping on the icon.

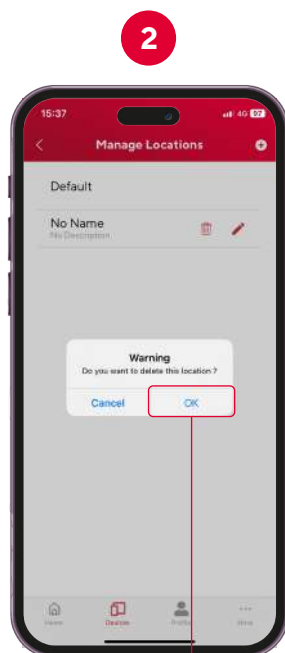


1. Enter the name of the location or a description of the place.
2. Tap on the 'Save' button.

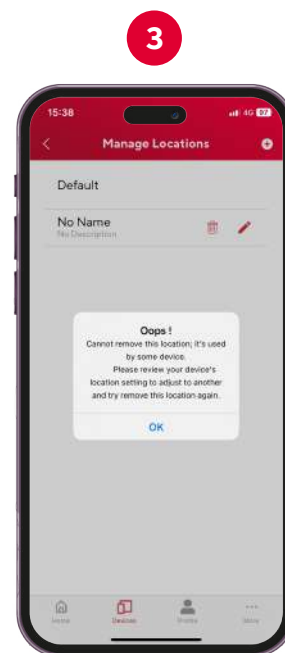
3.2.3 Delete Location



Deleting a location by tapping on the icon.

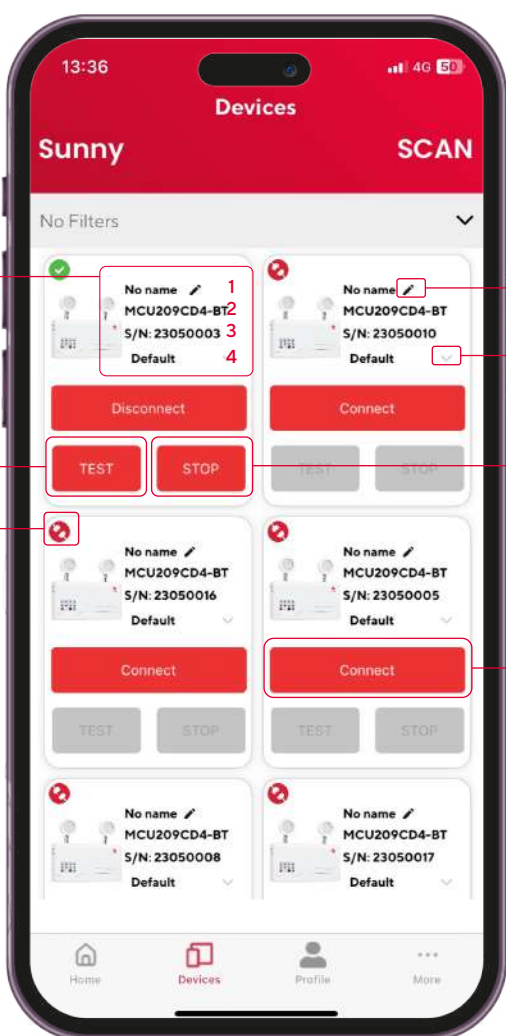


Select to confirm the desire to delete.



The place that is currently in use at that time will not be allowed to be deleted.

3.3 Details of device cards.

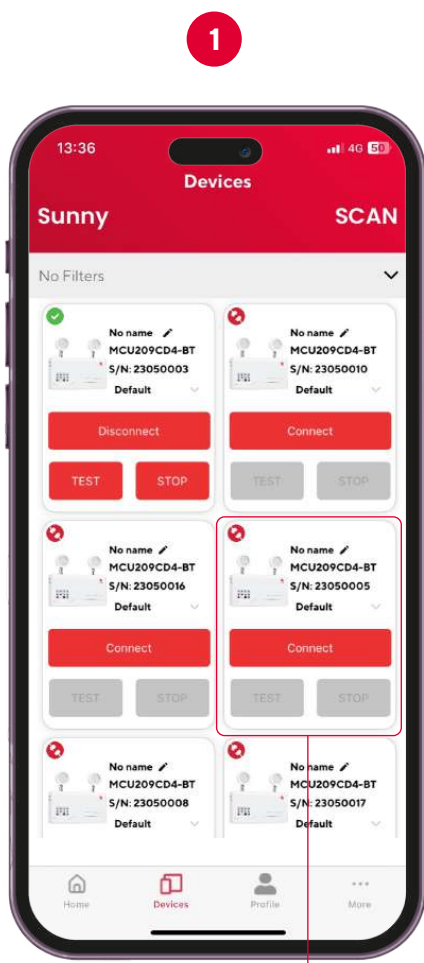


The screenshot shows the 'Devices' screen in the Sunny app. It displays a list of device cards for MCU209CD4-BT lamps. Each card includes a name field (with a pencil icon for editing), a model number, a serial number, and a location dropdown menu. Below each card are 'Disconnect' or 'Connect' buttons, and 'TEST'/'STOP' buttons for testing the lamp. The cards are color-coded: green for connected, red with a crossed-out circle for not connected, and red with a warning triangle for connection failed.

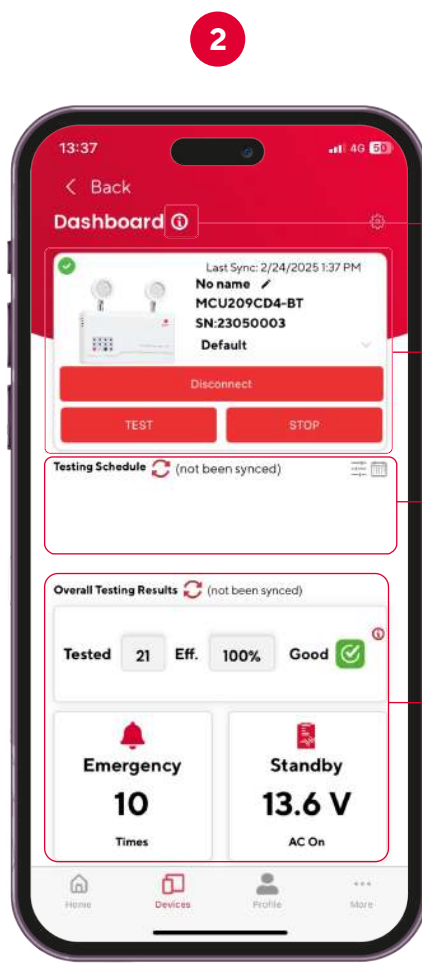
Annotations:

- 1. Name
- 2. Model
- 3. Serial Number
- 4. Location
- Testing the lamp of a device.
- Displaying connection status through an icon.
- Not connected
- Connected successfully
- Connection failed
- Set or edit the name of the device.
- Set the location of the device.
- Stop testing the lamp of device.
- Tap on the 'CONNECT' button.

4. Device Control Page (Dashboard)



Tap on device card.



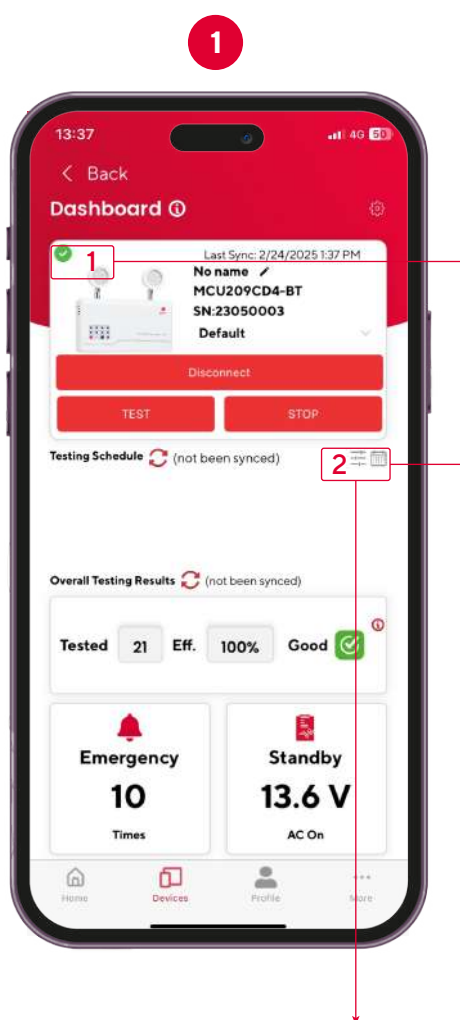
Providing usage guidance when the icon is tapped.

Device card

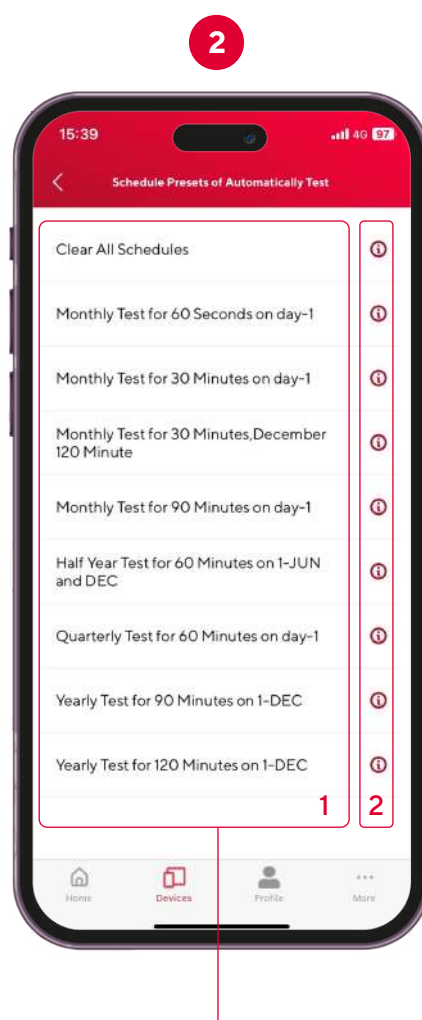
Testing Schedule

Overall Testing Results

4.1 Preset configuration for automatic device testing schedule

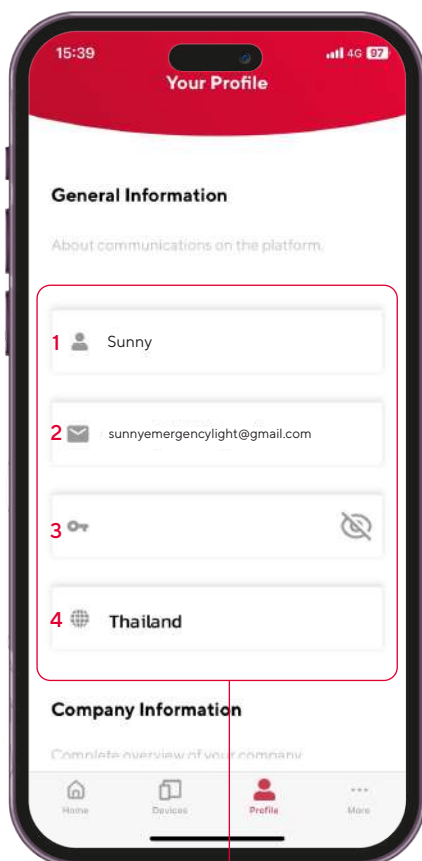


1. Ensure the device is successful connected.
2. Tap on the icon.



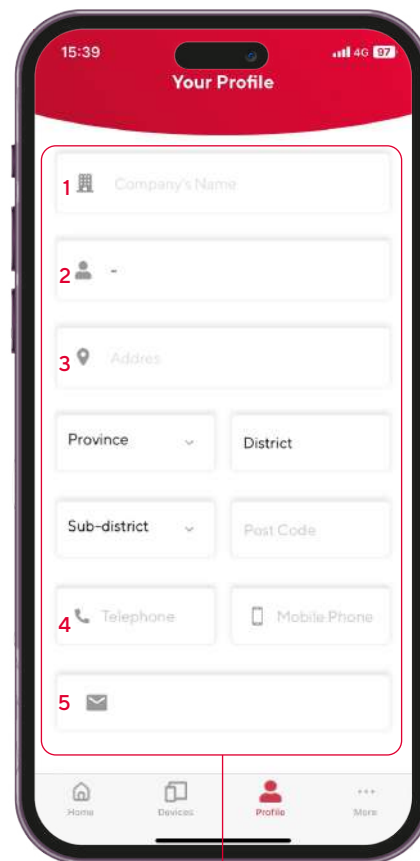
1. Tap to select the preset you want to use or clear all automatic testing schedules.
2. Tap on the icon to view details of each item.

5. Profile



Managing General Information

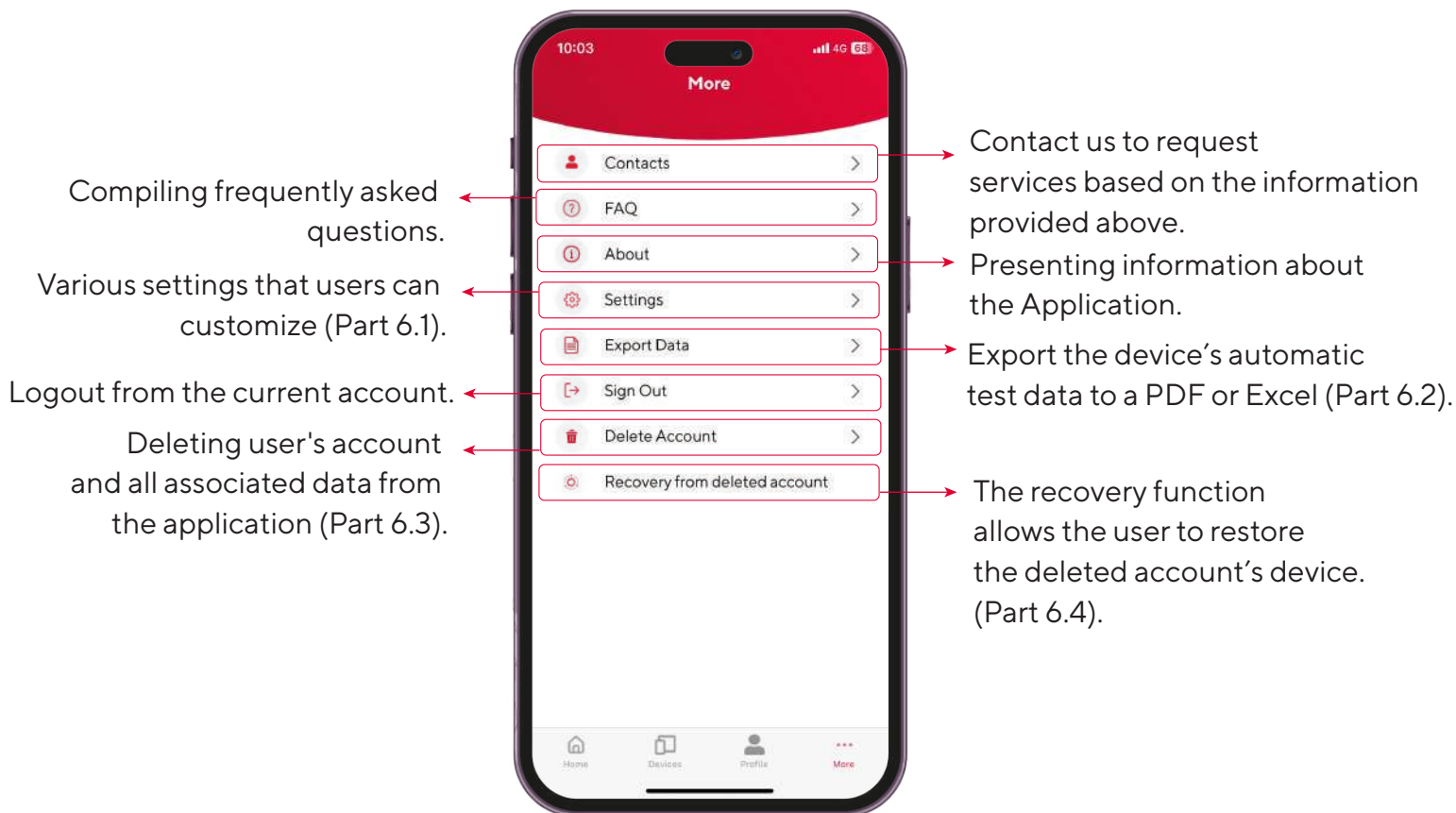
1. Username
2. Email Address (not editable)
3. Password
4. Country



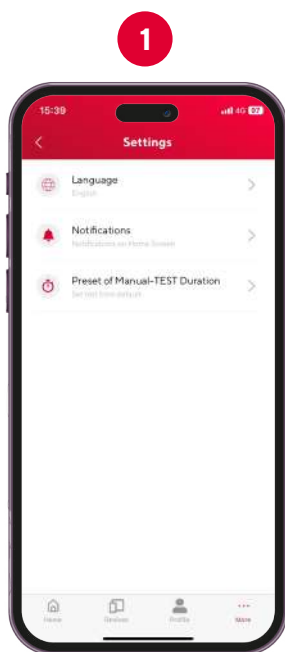
Managing Company Information

1. Company Name
2. Contact Person
3. Company Address
4. Phone Number
5. Email Address

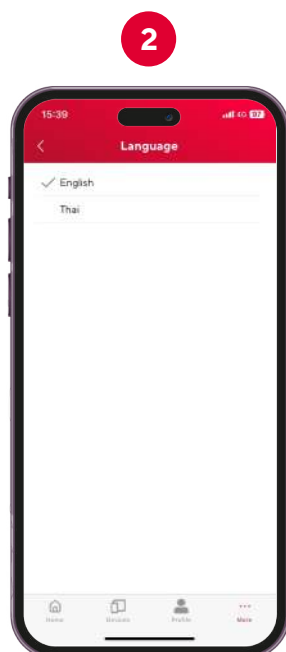
6. More



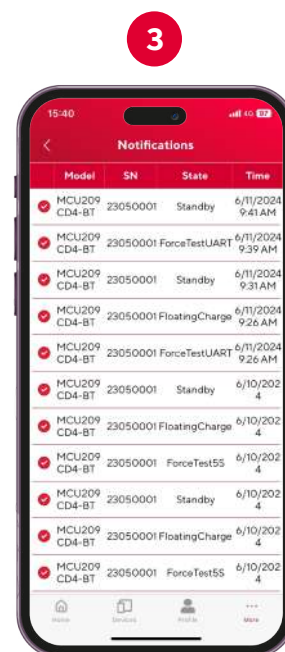
6.1 Settings



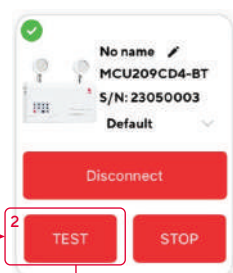
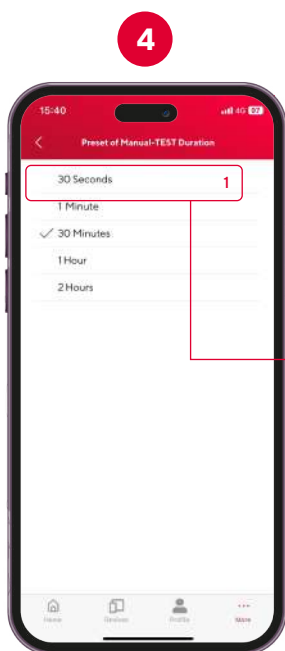
Settings that users can customize.



Select language preference within the app in both English and Thai.

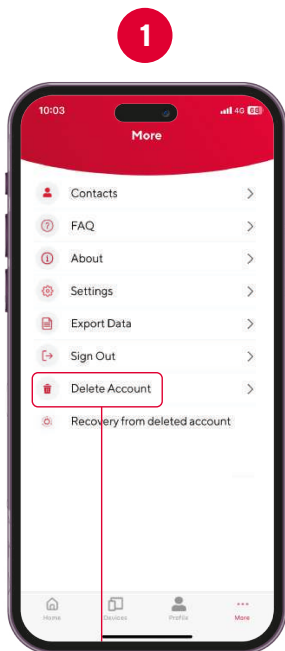


Display information about various events of the device.

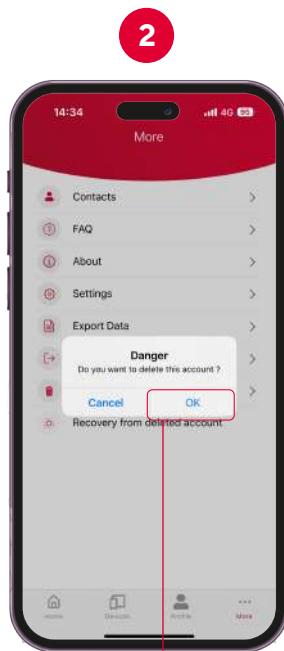


1. Users can set the desired time intervals.
2. Specifying the duration for manually testing a device's lamp using the TEST button on the device card.

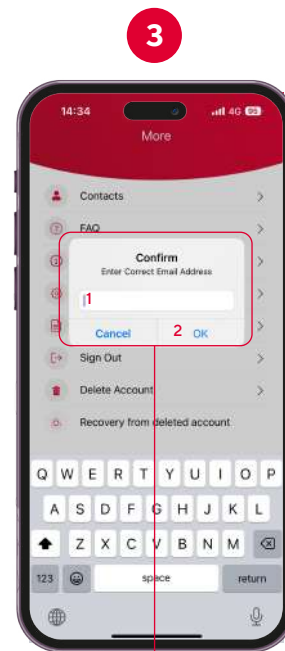
6.3 Delete Account



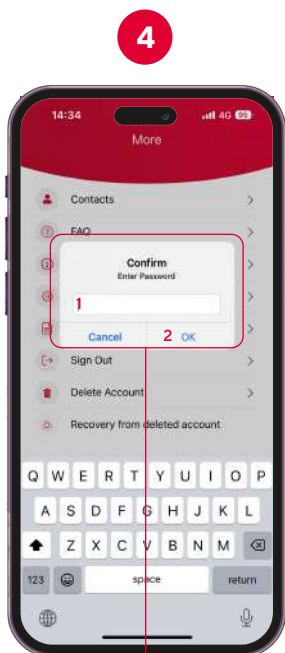
Tap on the 'Delete Account' button.



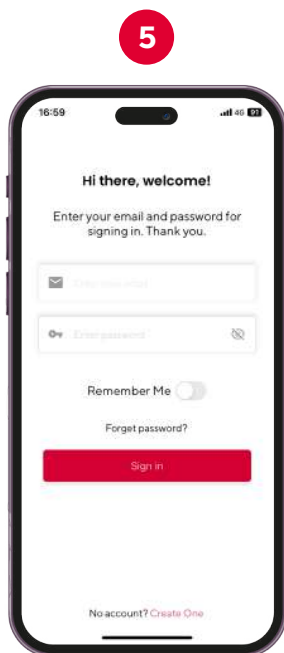
Tap on the 'OK' button.



1. Enter the email account.
2. Tap on the 'OK' button.

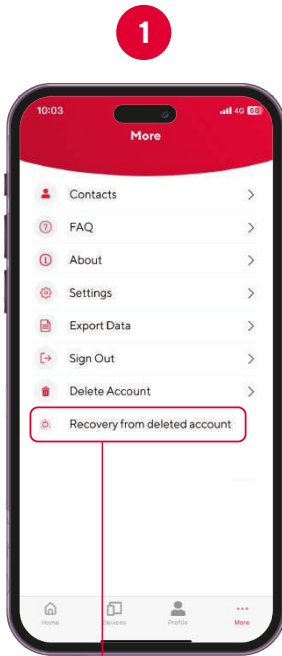


1. Enter the account password.
2. Tap on the 'OK' button.

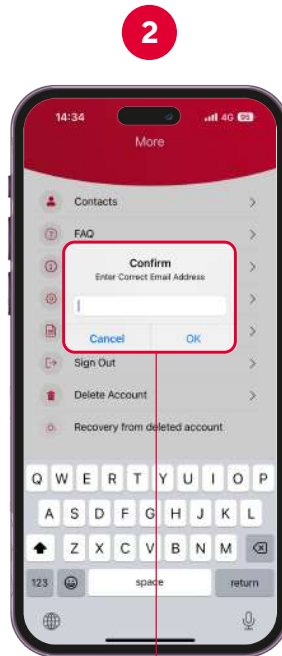


After account deletion is completed, it will return to the Sign in page.

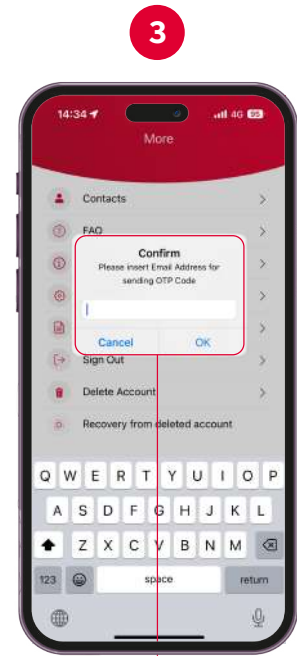
6.4 Recovery from deleted account



1 Tap on 'Recovery from deleted account'.



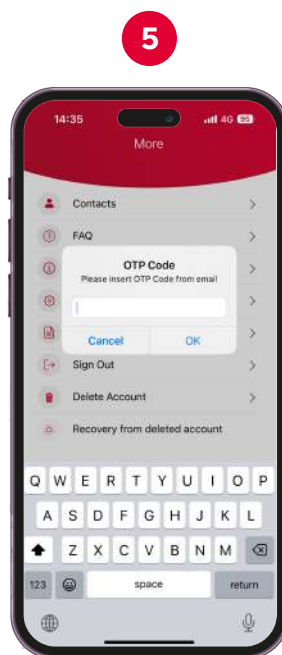
2 Enter the email of the previously deleted account.



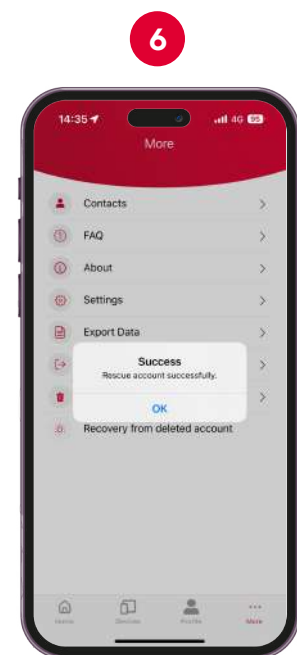
3 A prompt for the user to enter an OTP code will appear, and the system will send the code to the user's Sunny Link deleted account email.



4 Go to your email inbox, and open the message from Sunny Link to find the OTP code.



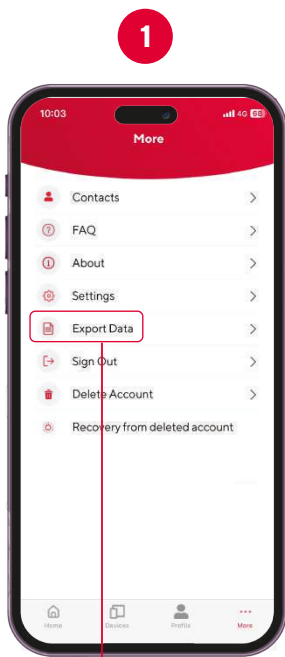
5 Back to Sunny Link Application and enter the OTP code then tap OK.



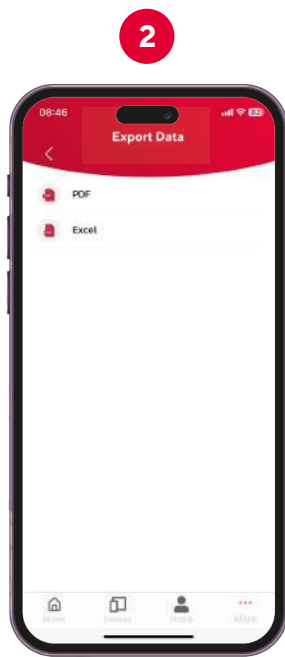
6 The app screen will show a successful message.

6.2 Export Data

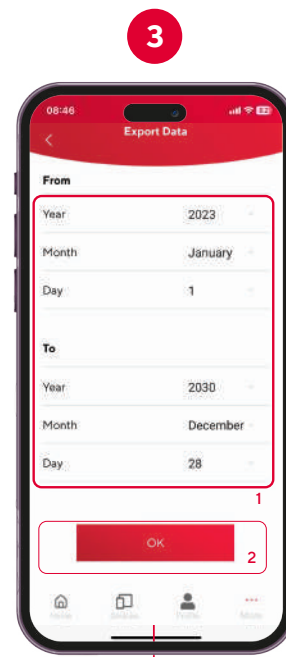
6.2.1 Export data of all devices



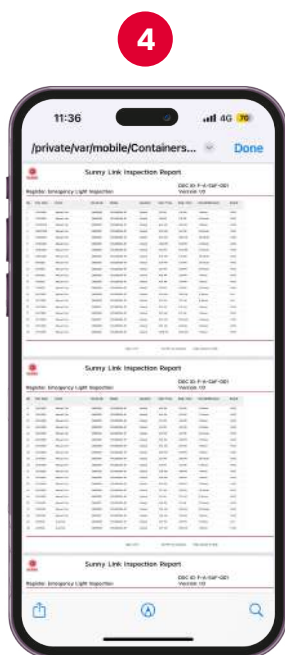
Tap on 'Export Data'.



Select document type PDF or Excel.



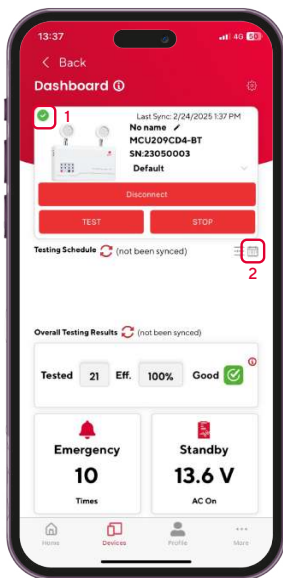
1. Specify the data time range.
2. Tap on 'OK'.



The document displays the date, test results, and duration from start to stop of all device tests under the user account (test data is updated each time the device status is synchronized).

6.2.2 Export data of selected devices

1



2



3

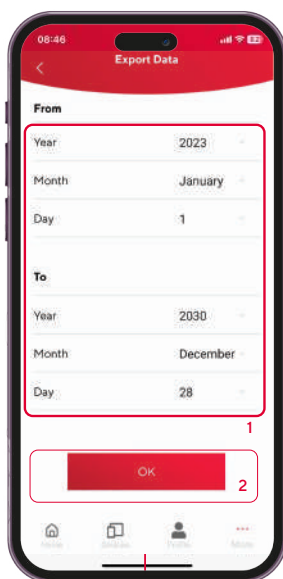


1. Go to the control page of the device you want to export data from.
2. Make sure the device is successfully connected.
3. Tap the icon to go to the calendar page.

Tap the icon.

Select document type PDF or Excel.

4



5

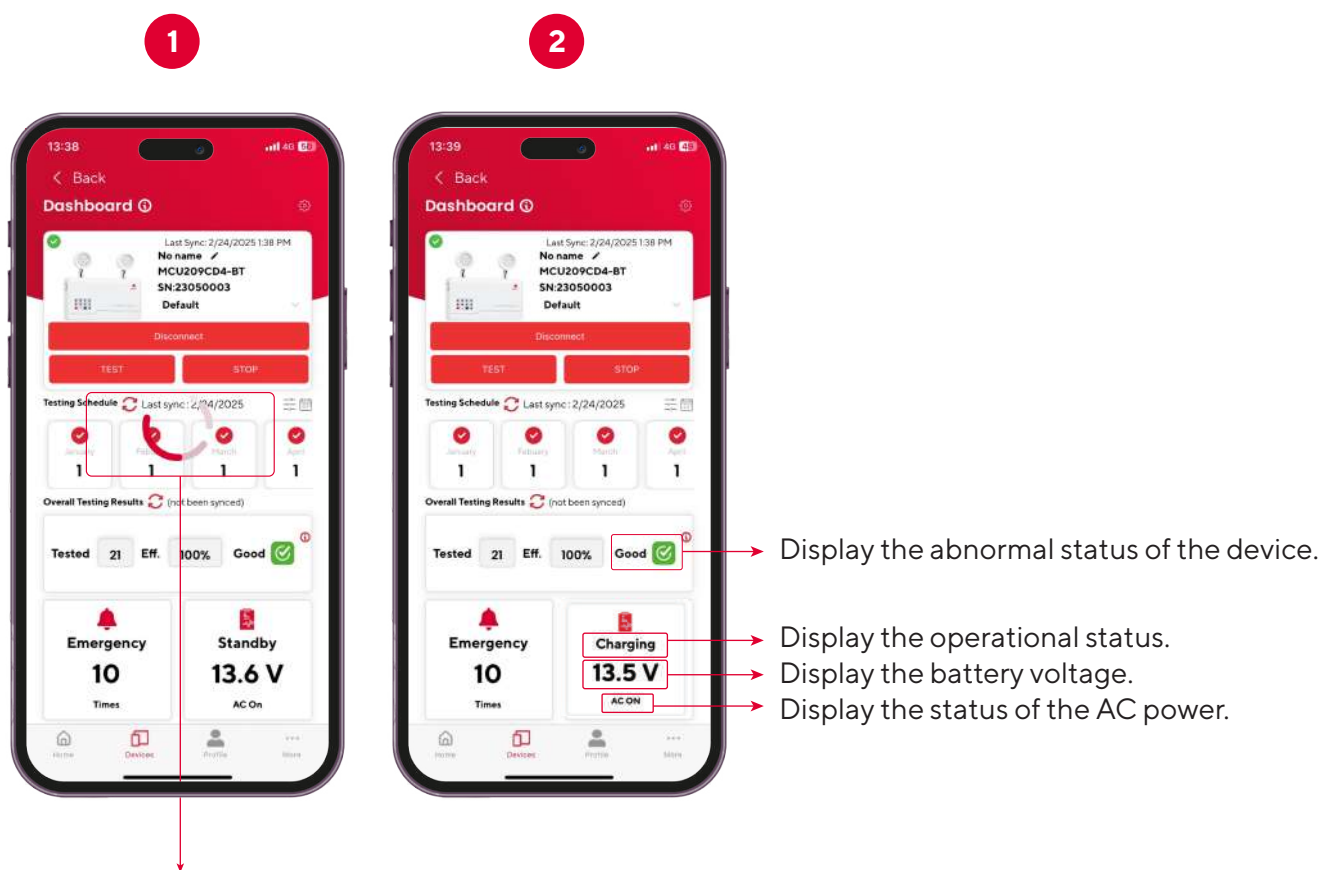


The document displays the date, test results, and duration from start to stop of the device's tests (test data is updated each time the device status is synchronized).

1. Specify the data time range
2. Tap on "OK"

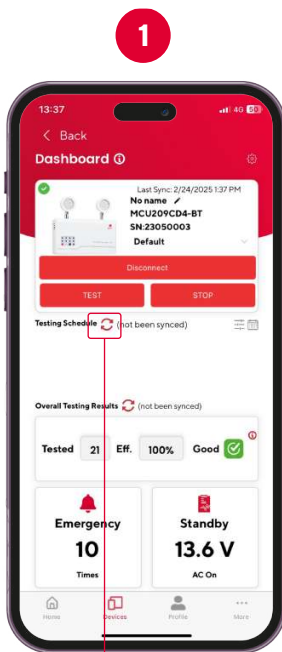
7. Synchronize

7.1 Real-time Synchronization

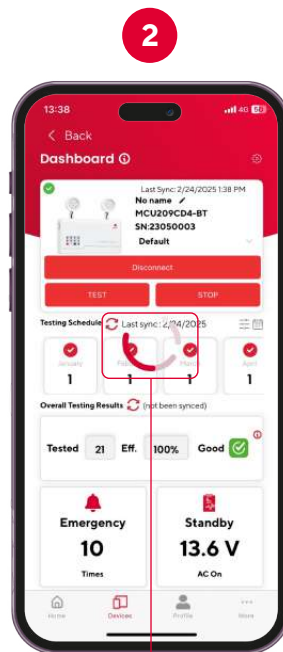


Automatic synchronization upon entering the Dashboard page, which typically takes approximately 4 seconds.

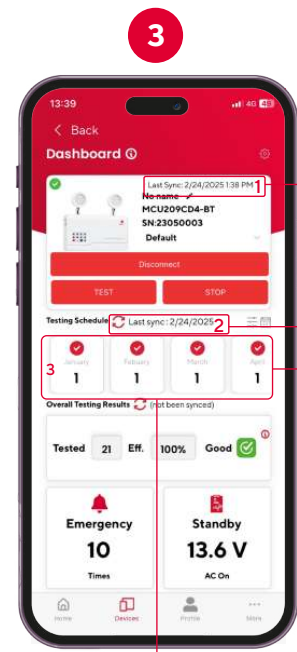
7.2 Synchronize the testing schedule



Tap on the 'Testing Schedule' icon.

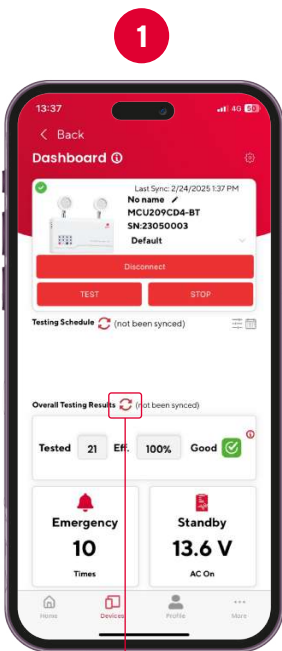


The syncing process takes 4 seconds.

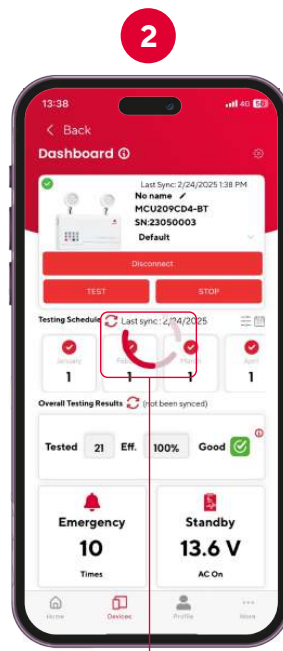


1. Display the date and time of the last synchronization.
2. Display the date of the last testing schedule synchronization.
3. Display the testing card (if there is a scheduled test).

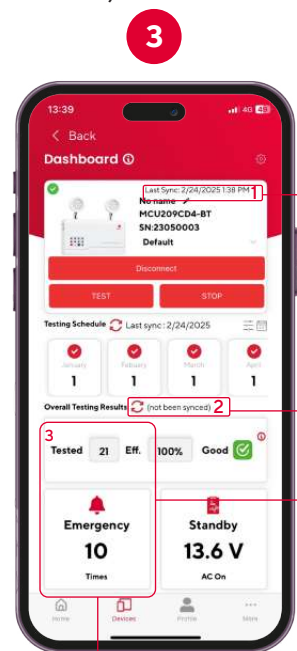
7.3 Synchronize device status.



Tap on the 'Testing Overall Testing Results' icon.



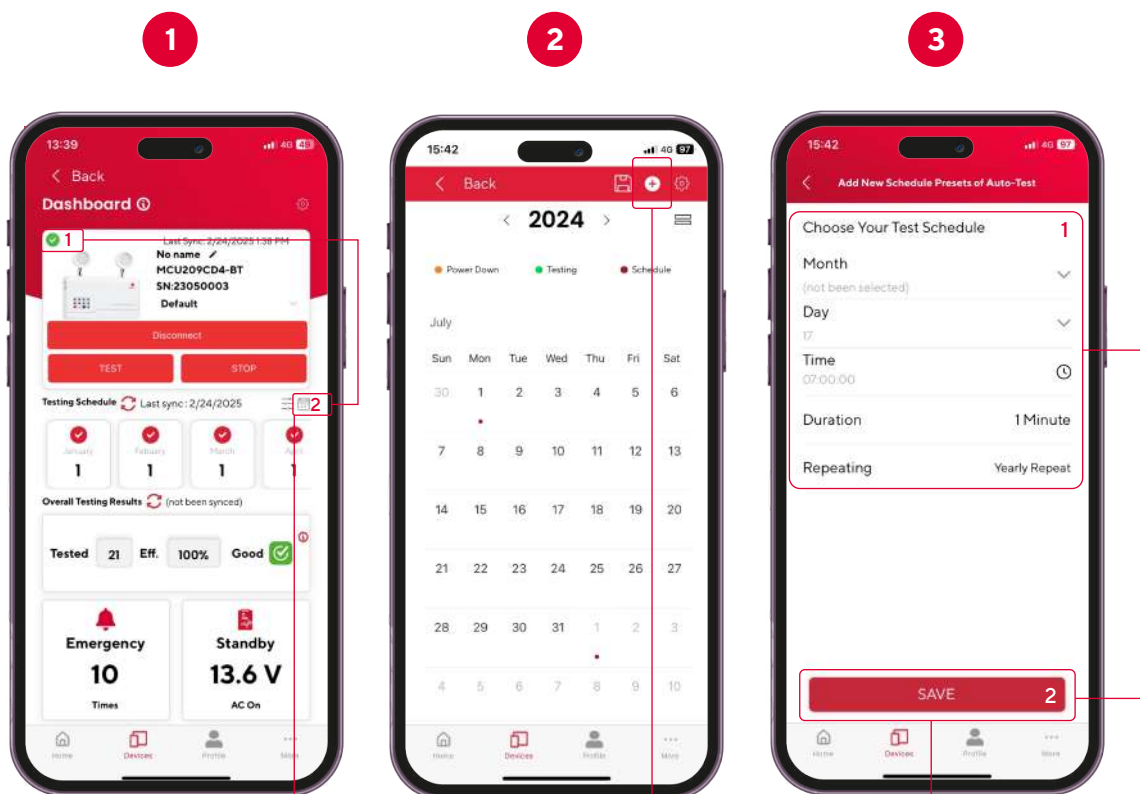
The syncing process takes 35 seconds.



1. Display the date and time of the last synchronization.
2. Display the date of the last device status synchronization.
3. Display the number of tests conducted and power failures.

8. Automated device testing functionality.

8.1 Add automated testing feature.

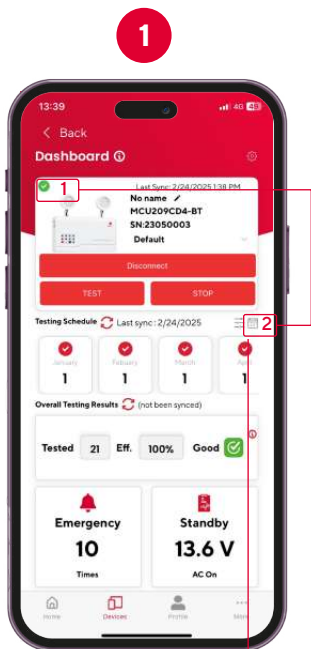


1. Ensure the device is successful connected.
2. Tap on the icon.

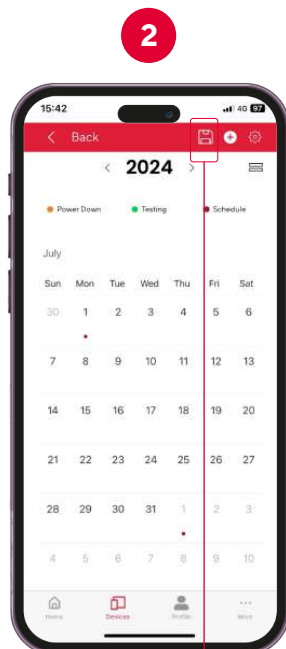
Tap on the '+' icon.

1. Set up advance settings for automated testing.
2. Tap on the 'Save' button.

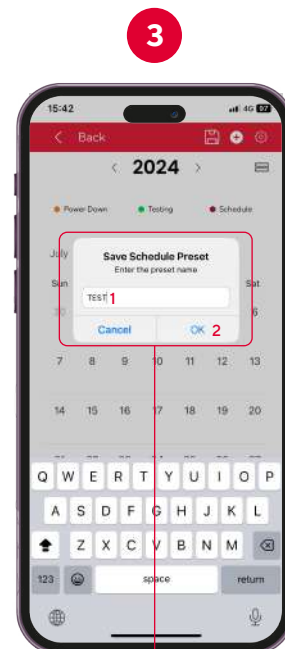
8.2 Save the testing schedule preset.



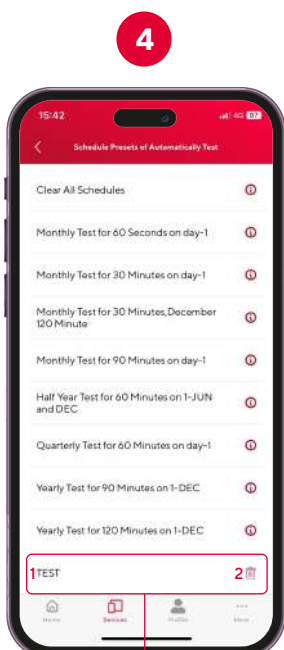
1. Ensure the device is successful connected.
2. Tap on the icon.



- Tap on the 'Save' button.



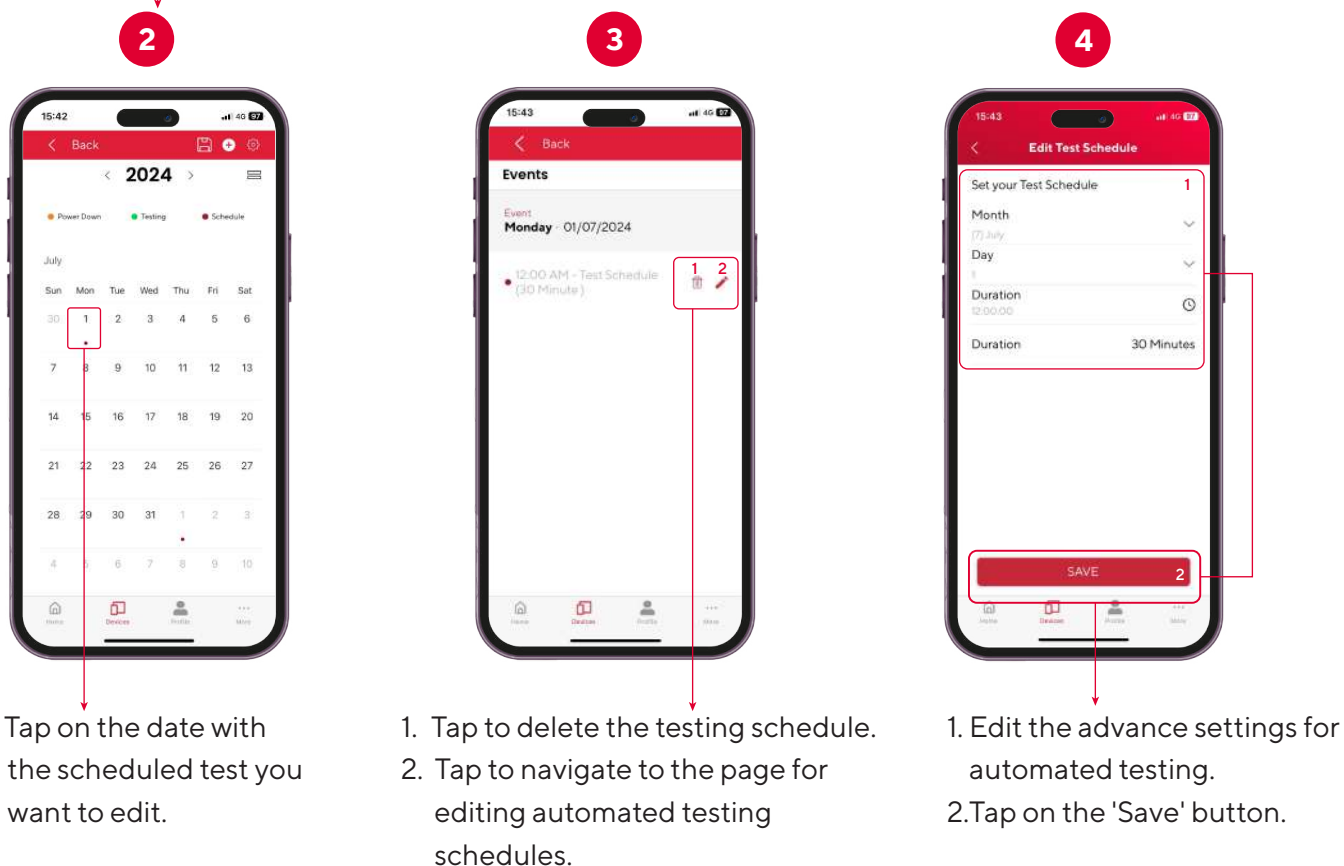
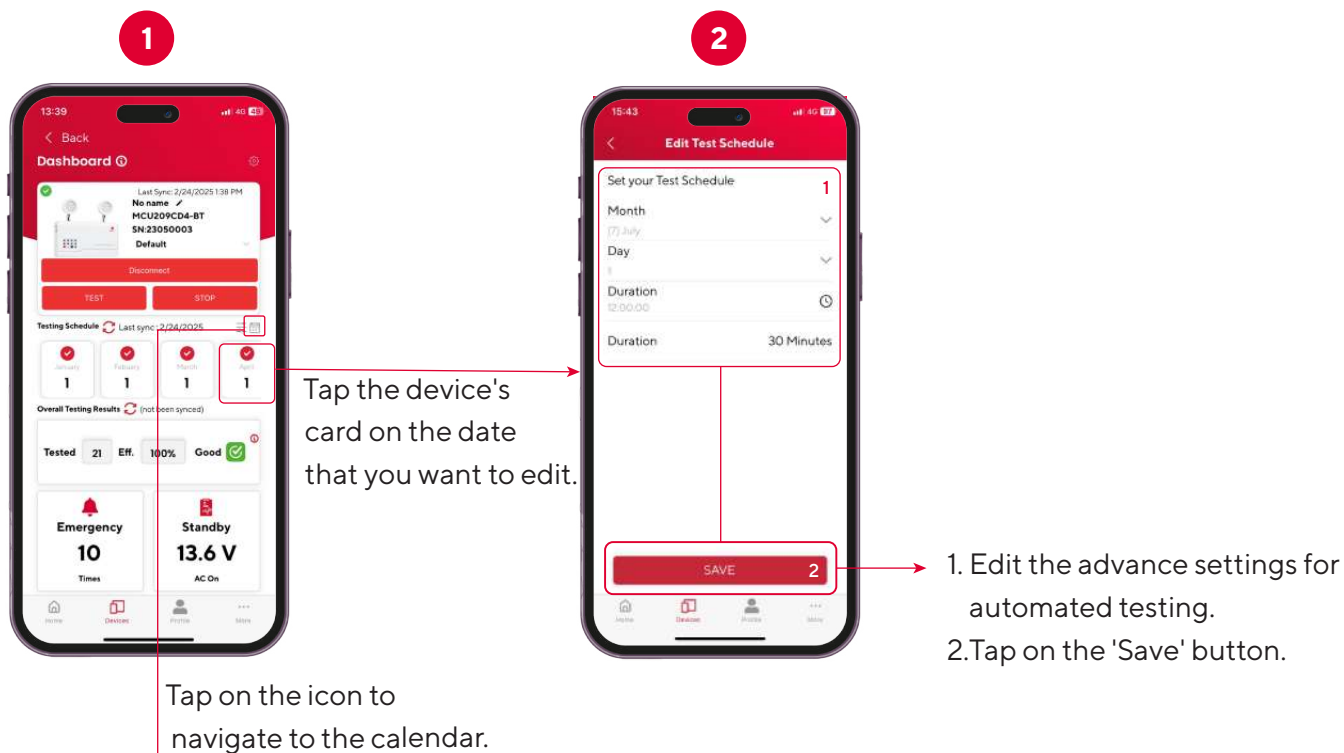
1. Specify the name of the preset.
2. Tap on the 'OK' button.



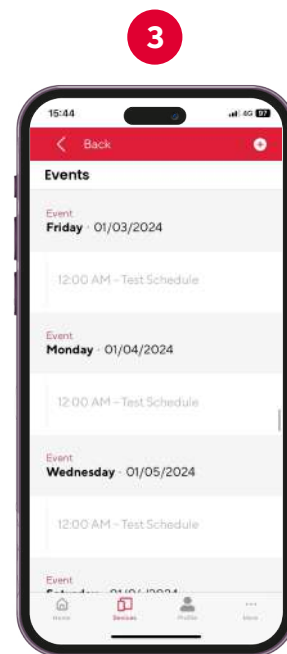
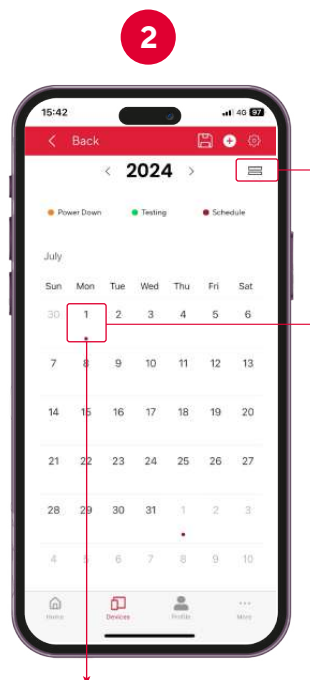
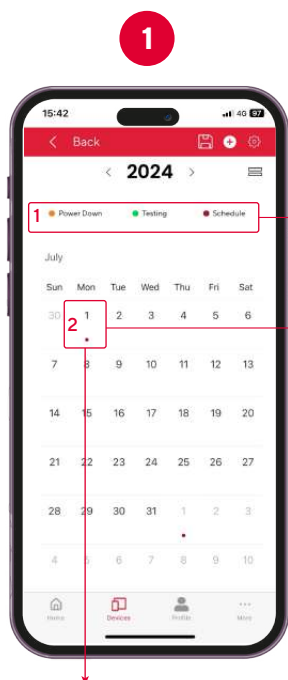
1. The preset has been saved.
2. Tap on the icon to delete the unwanted preset from the list.

8.3 Edit the automated testing.

You can edit the automated testing in two ways, as follows:



8.4 Event



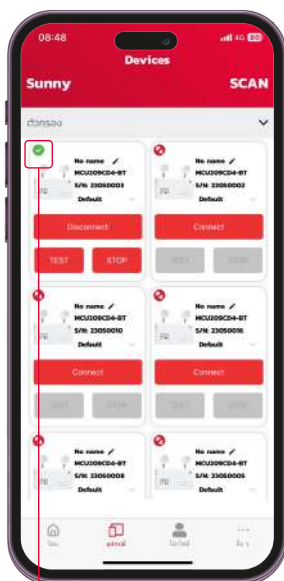
1. The circle symbols of different colors signify the following events:
 Orange : Power outage occurred.
 Green : Automated or manual testing is in progress.
 Red : Automated testing schedule is set.
2. The symbols will be indicated below the date numbers.

Tap on the '☰' icon or tap on the date with a circle symbol to navigate to the Events page.

Events or occurrences that happen each day.

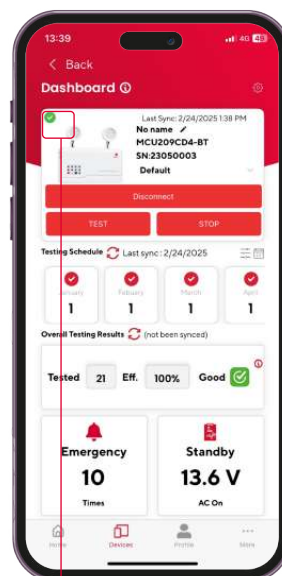
9. Clear Access

1



Connect to the device you want to revoke the permission from, then tap on the successful connection icon.

or



Tap on the successful connection icon.

2



Tap on the 'Yes' option.

3



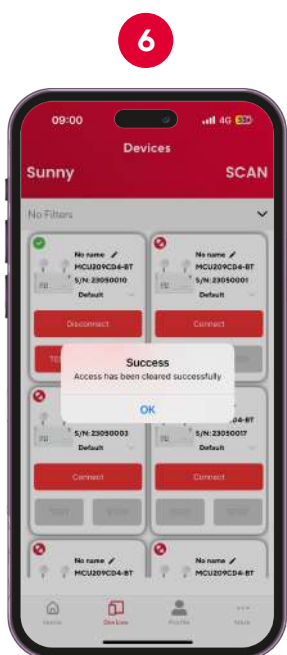
Display a message asking the user to enter the OTP (One-Time Password), with the system sending the code to the user's Sunny Link email account.



If you select the email from Sunny Link, you will find the OTP code.



1. Enter the OTP code.
2. Tap on the 'OK' button.



The system removes the connection permission for the device, and the application screen displays the message 'Access has been cleared successfully'.

After disconnecting the device, another user account can be used to connect to the device.

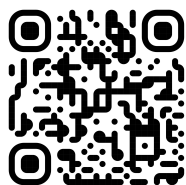
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