



EP CUBE APP Introduction

For End User

EP CUBE

CONTENTS

1

Setting Up App

How to download, register, login, and retrieve an account?

2

Home Page

How to set up different operation modes, reserve SOC & Weather watch?

3

Data Page

Collected data and performance analysis of EP CUBE

4

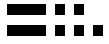
Service Page

How to initiate and submit a service request?

5

More Page

How to update User Info, set up a network, and update the firmware of EP CUBE?



01

Setting Up App



Download

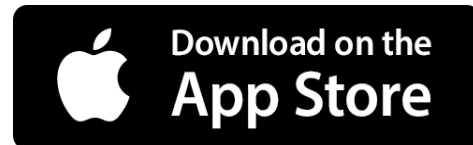
EP CUBE

In order to successfully register and configure your EP CUBE, you must download and install “EP CUBE” APP on your phone.

Please ensure that you always have the updated version of the App.

Download

You can search “EP CUBE” and download the app from **Google Play Store** and **Apple Store**.



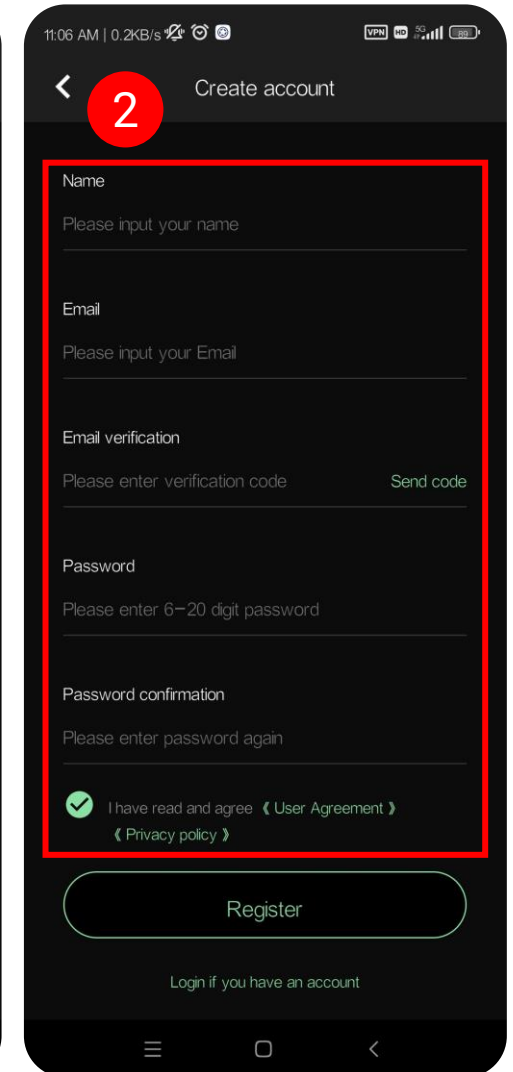
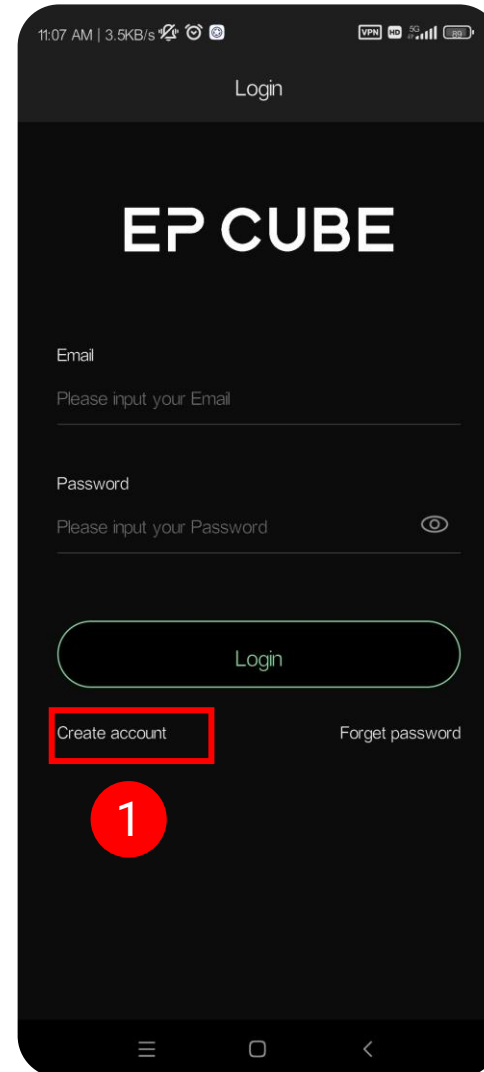
Launch & Register

STEP-1 Click “create account”.

STEP-2 You will be required to provide the following information during sign up process:

- 1- **Name:** Please input your **name**
- 2- **Email address:** Please enter a valid email address as it will be used to verify your account, and you will receive an email with a verification code.
- 3- **Email verification:** Please enter the verification code sent to your email.
- 4- **Password:** must be at least **6** letters, and can include alphabets, numbers, and special characters
- 5- Read and agree with the “User Agreement and Privacy Statement”, and then click register.

EP CUBE

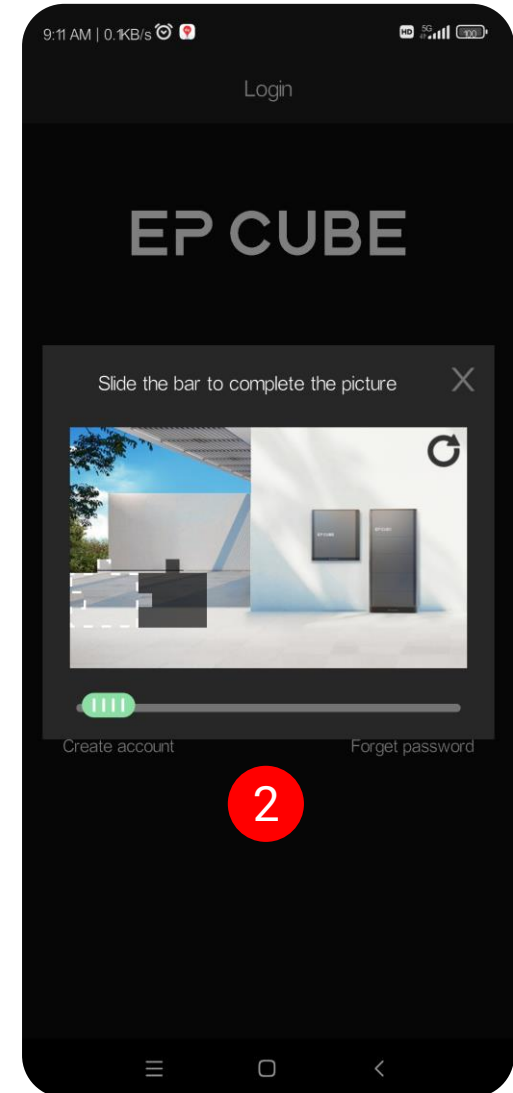
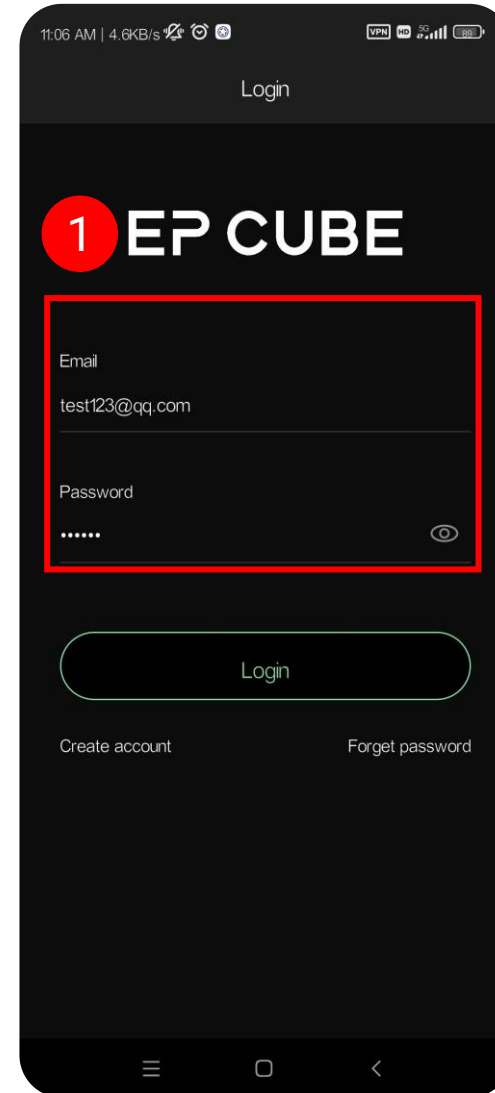


Log In

EP CUBE

If you have already registered an account, simply log in with your registration email and password as shown in the figure on the right.

** Note: It is important that the user register an account with the same email which is provided to the installer during the installation process to link.*

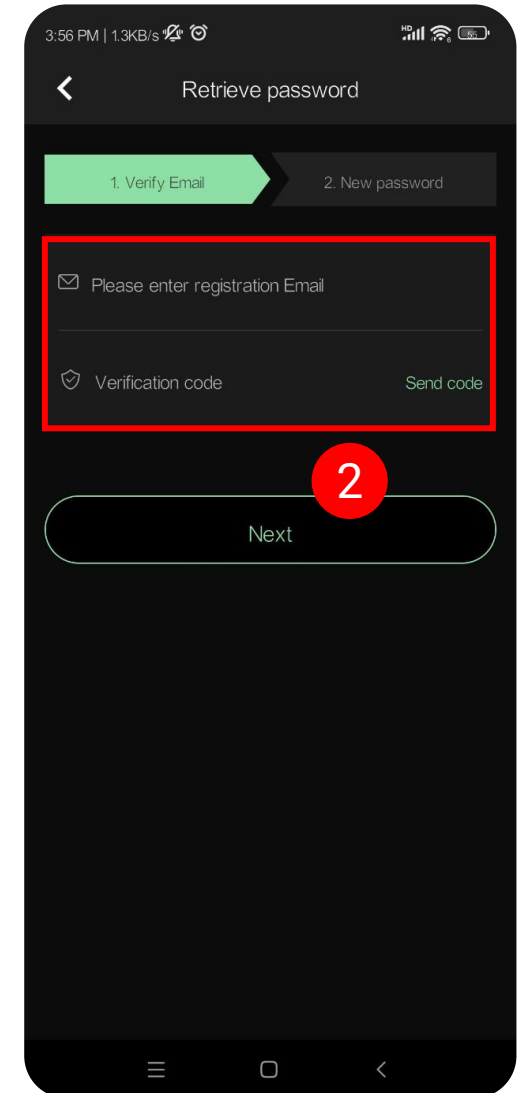
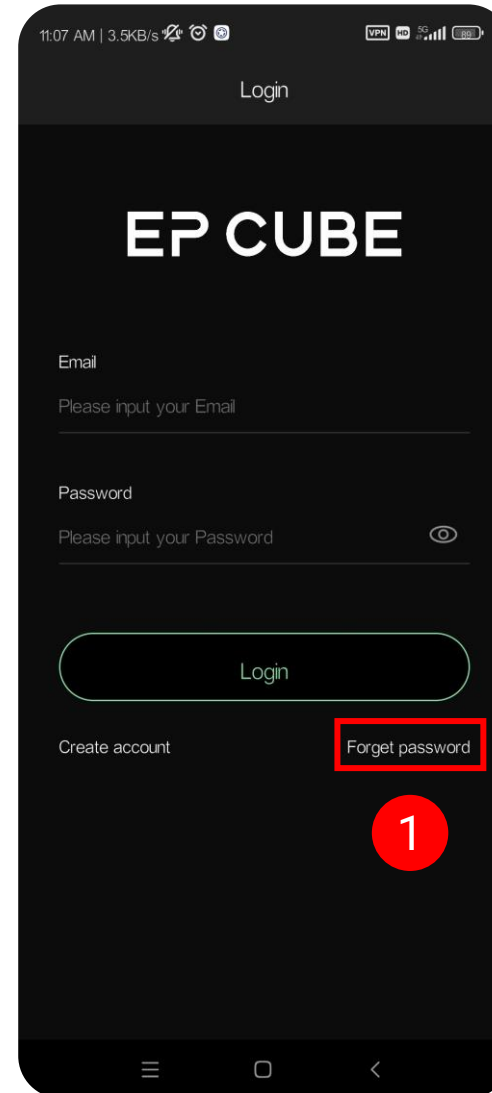


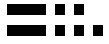
Forget/Retrieve Password

EP CUBE

If you have forgotten your password, click on **forget password** on the lower right corner.

Verify Email you used at the time of registration and set **New Password**.





02



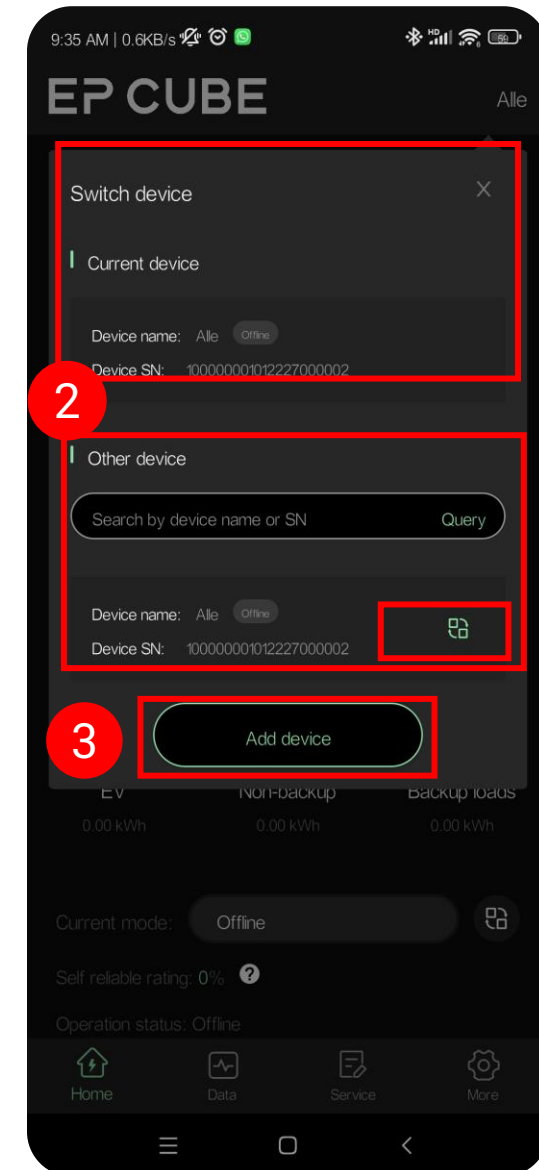
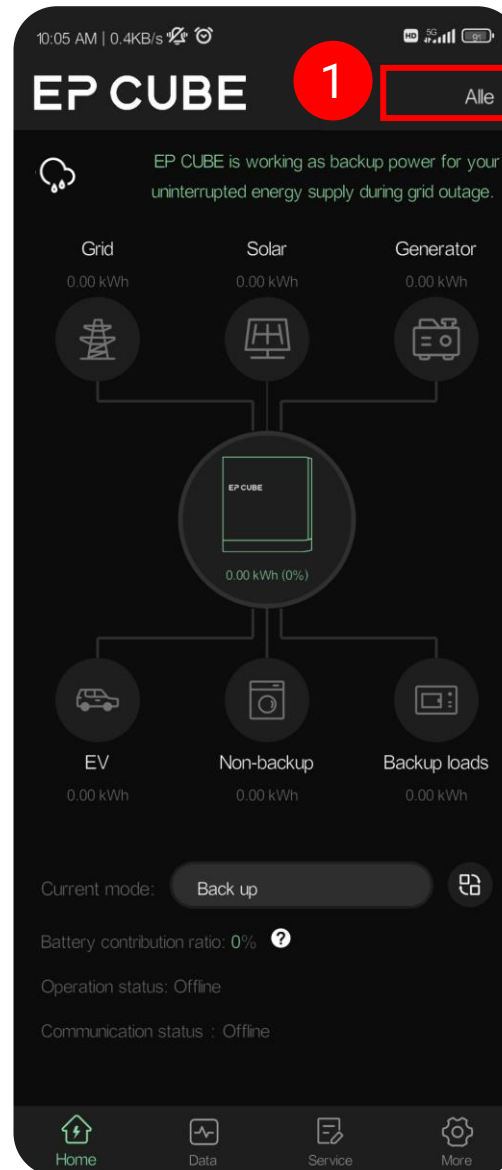
Home Page



Home

- Once you have logged in, you will be able to see previously selected device information. Click on the **upper right** corner button.
- You will be able to see already added devices. Here you can switch devices to connect with your desired device to monitor and configure. You can search your desired device either by name or by using the device's SN number. Then click on the icon next to it to select.
- or Click add device button to add a new device.

EP CUBE

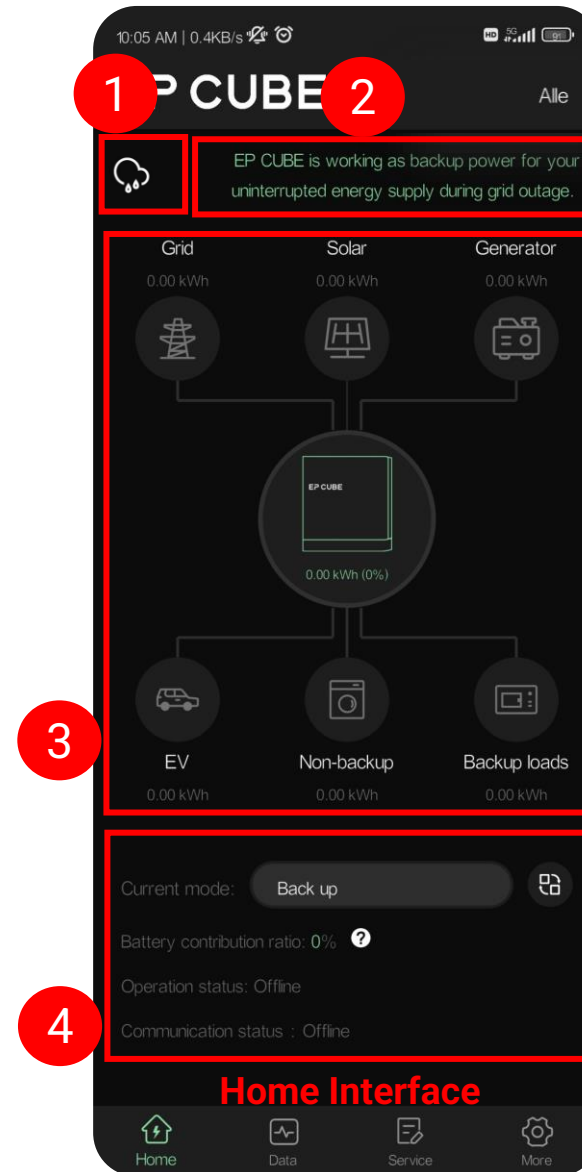


Home

EP CUBE

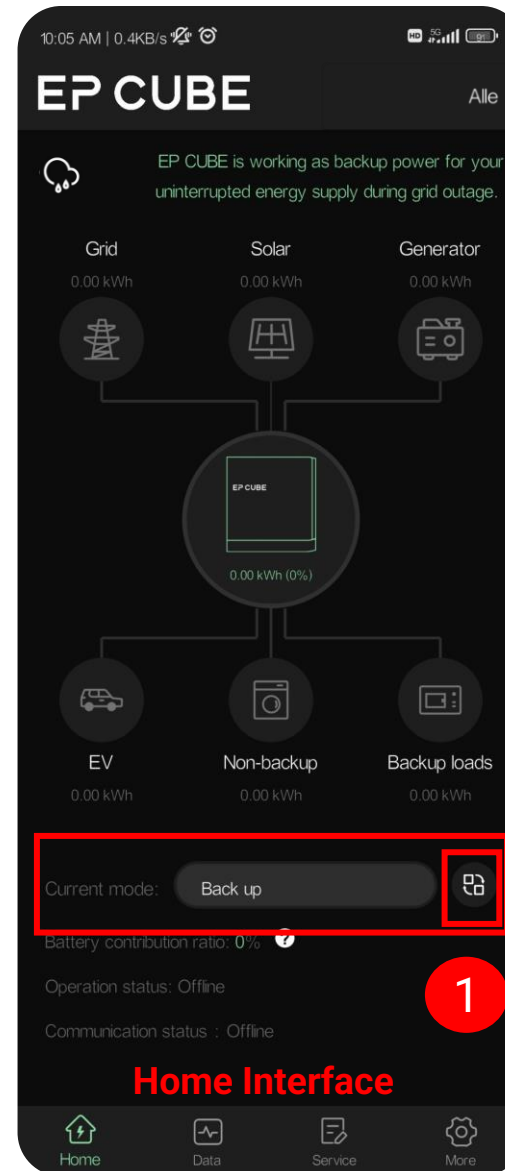
Click the home button to return to the home page where you can see the following information for the selected device

- ✓ Weather Forecast
- ✓ Device status
- ✓ Power flow,
- ✓ Energy generation/consumption data
- ✓ Current operation mode
- ✓ Battery contribution ratio
- ✓ Operation status and
- ✓ Communication status

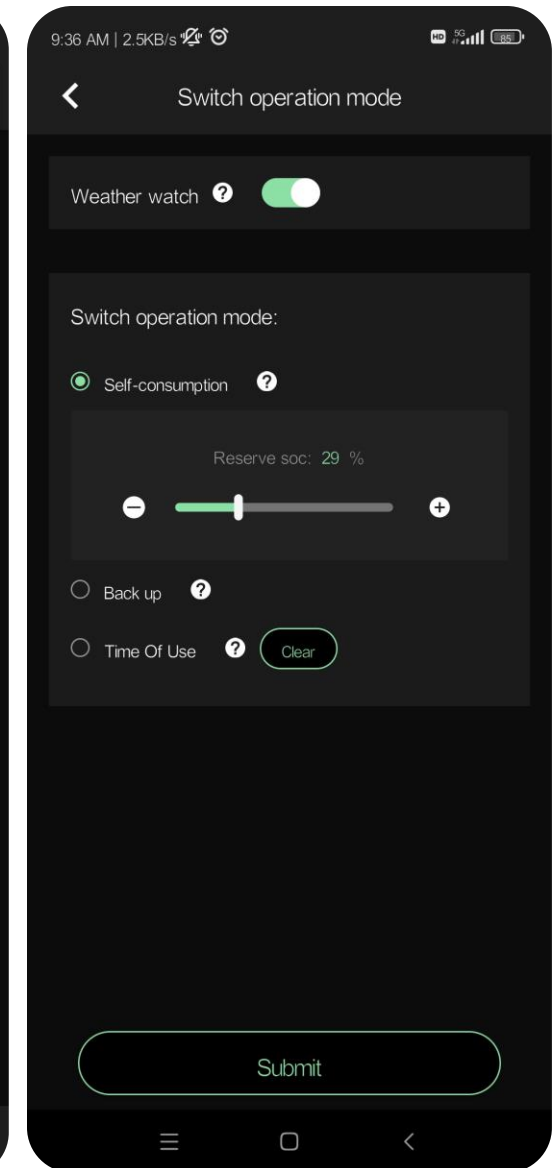


Home-Operation Mode Selection

- In order to switch between different modes, the user can click on the icon next to where the current operation mode is displayed.
- User can select any of the operation modes to configure system operation according to its energy usage preferences.



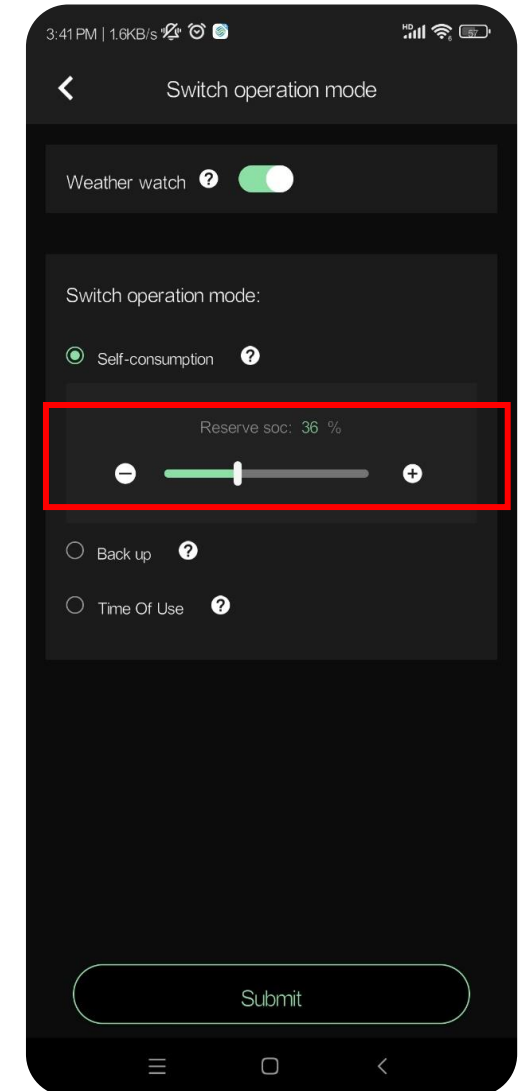
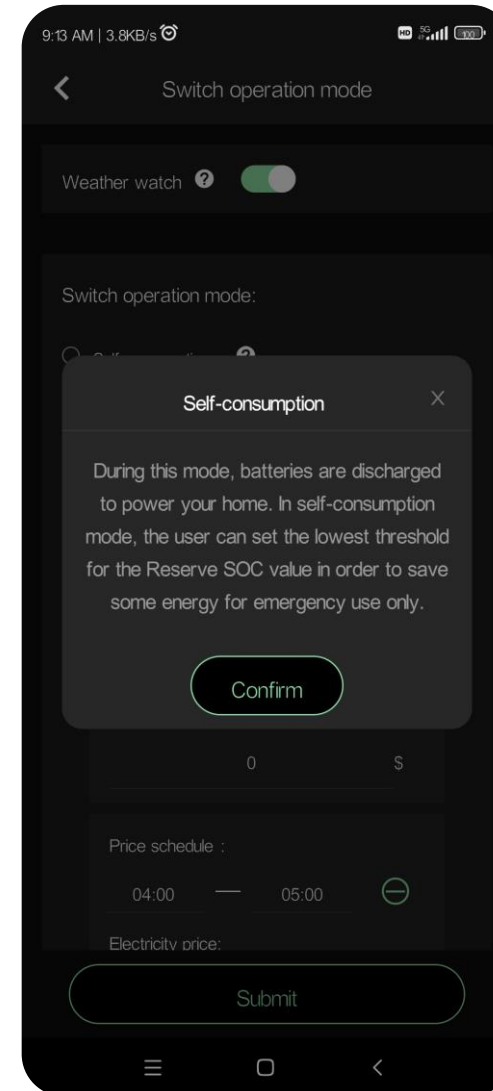
EP CUBE



Home-Operation Mode Selection

EP CUBE

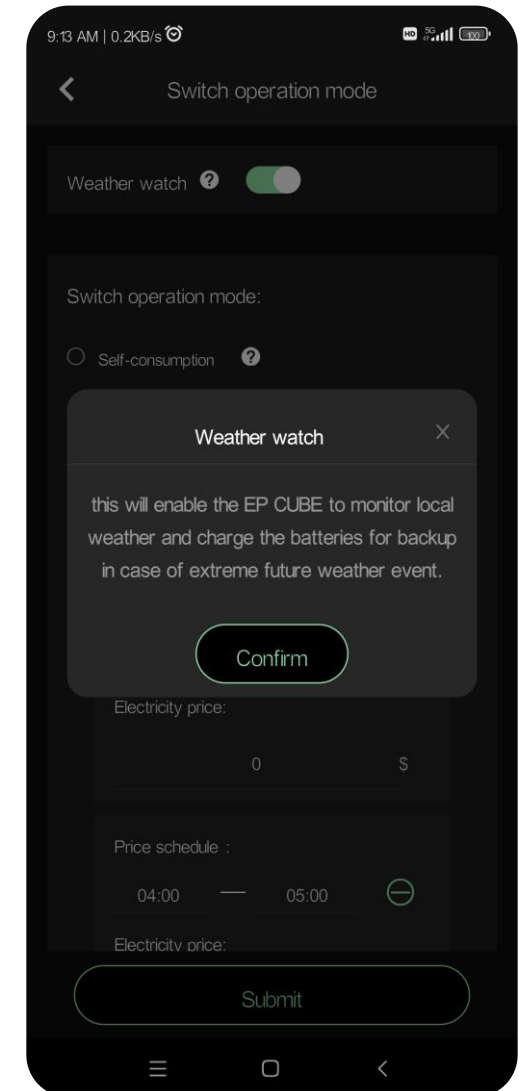
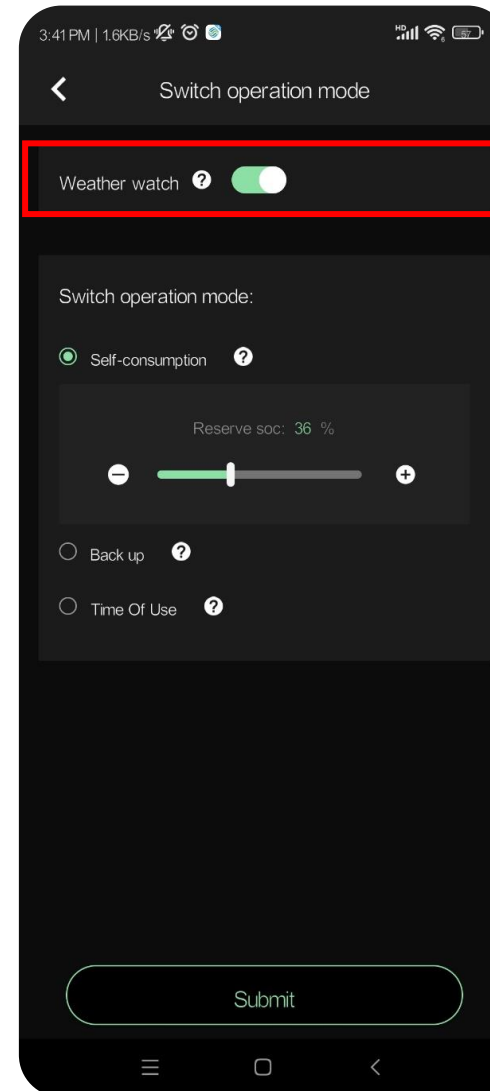
- **Self-Consumption Mode:** During this mode, batteries are discharged to power your home. In self-consumption mode, the user can set the lowest threshold for the Reserve SOC value in order to save some energy for emergency use only.



Home-Operation Mode Selection

EP CUBE

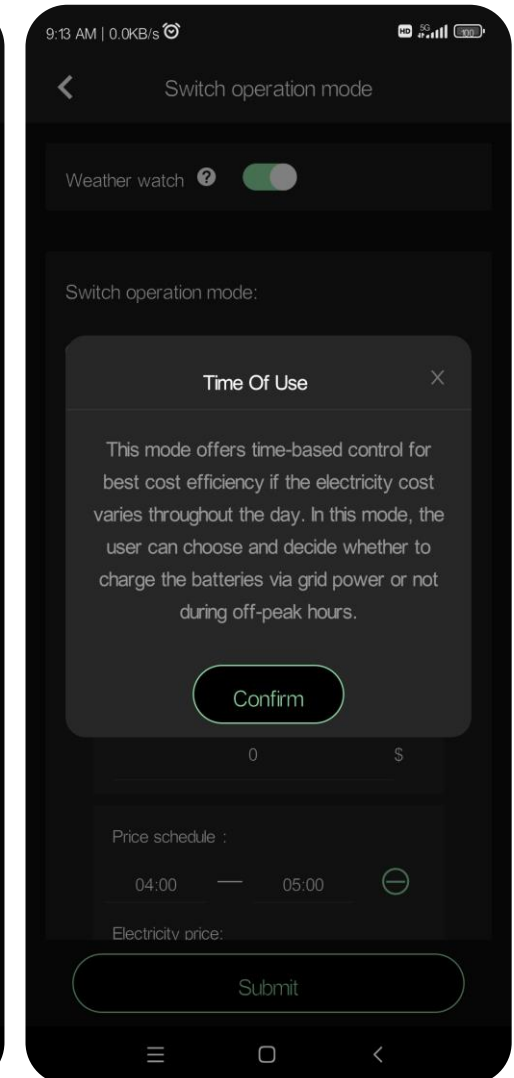
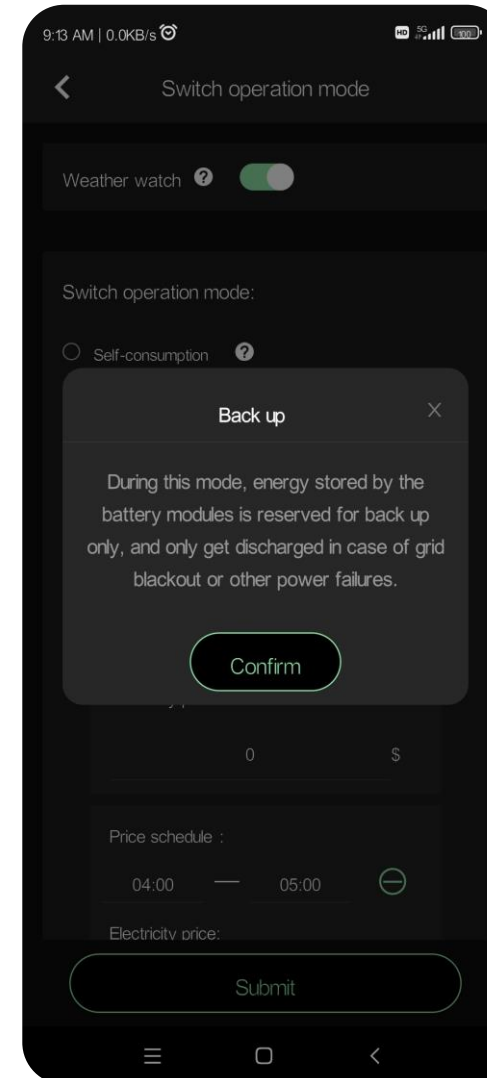
- On top of the “Switch operation Mode” page, customers have the option to choose to enable “**weather watch**”, this will enable the EP CUBE to monitor local weather and charge the batteries for backup in case of any extreme future weather events.



Home-Operation Mode Selection

EP CUBE

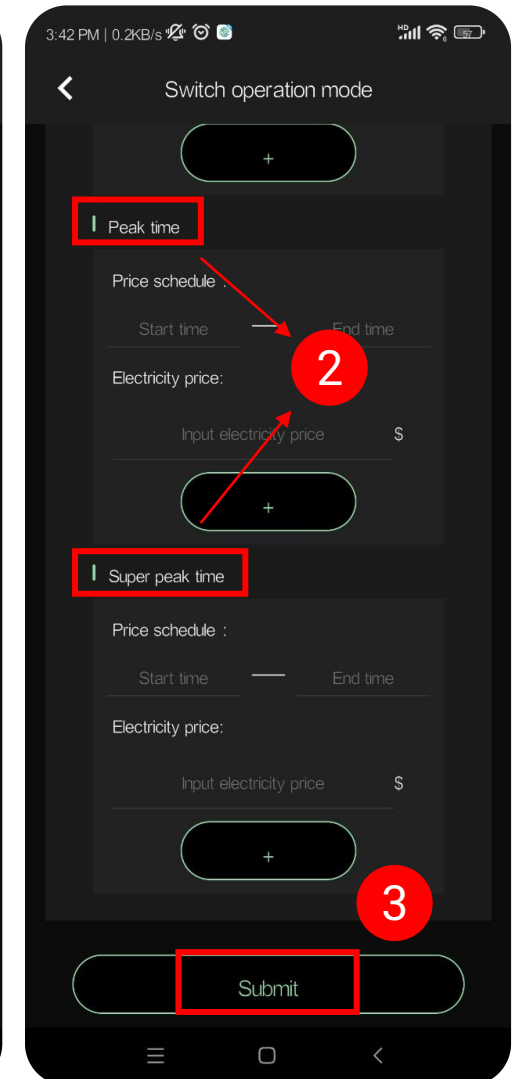
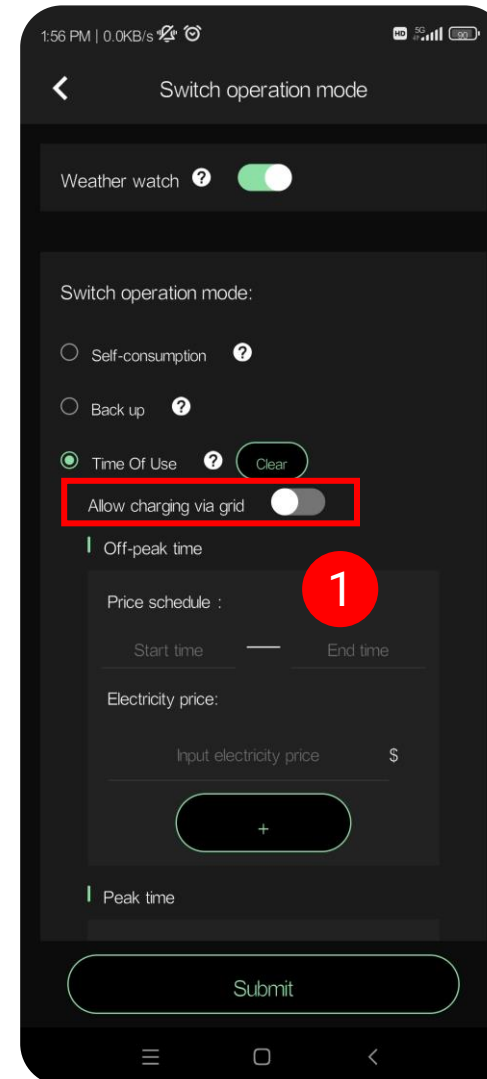
- **Back Up Mode:** During this mode, energy stored by the battery modules is reserved for backup only, and batteries only get discharged in case of grid blackout or other power failures.
- This mode also offers the user to set the lowest threshold for Reserve SOC value in order to save some energy for emergency use only.
- **Time of Use:** Let's see on the next slide.

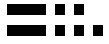


Home-Operation Mode Selection

- **Time of Use Mode:** This mode offers time-based control for best cost efficiency if the electricity cost varies throughout the day. In this mode, the user can choose and decide whether to charge the batteries via grid power or not during off-peak hours.
- Customer can input multiple time-slots for Off-Peak Time, Peak Time, and Super Peak Time. Customers can also put in electricity prices. Each category can have a maximum of 3 timeslots, and by clicking the **clear** button you can clear all previous settings.
- Once you have selected your preferred operation mode, please click submit button to save the changes.

EP CUBE





03



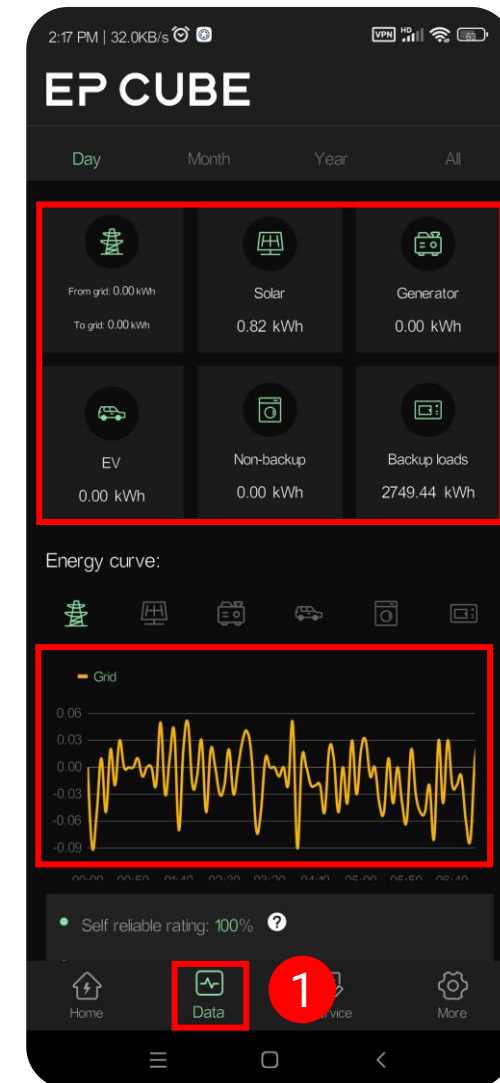
Data Page



Data

EP CUBE

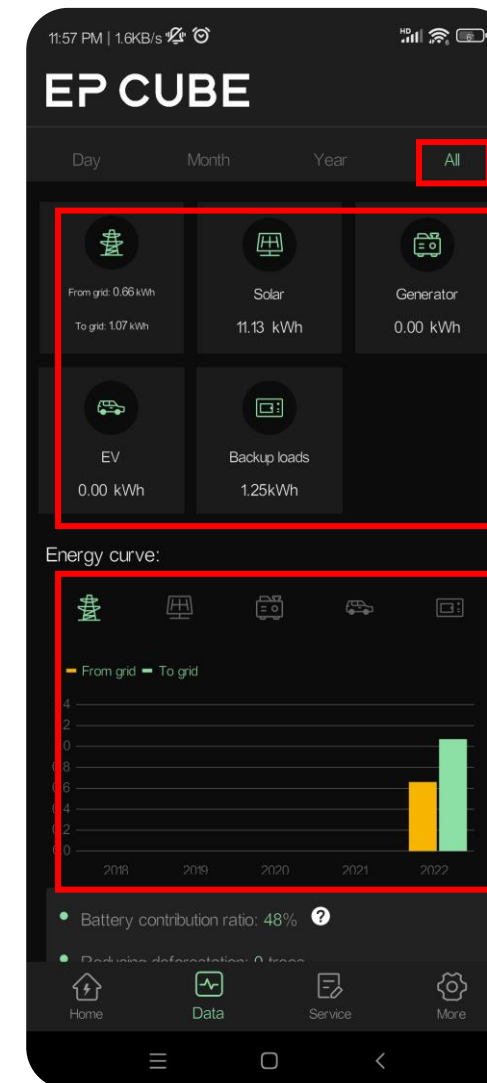
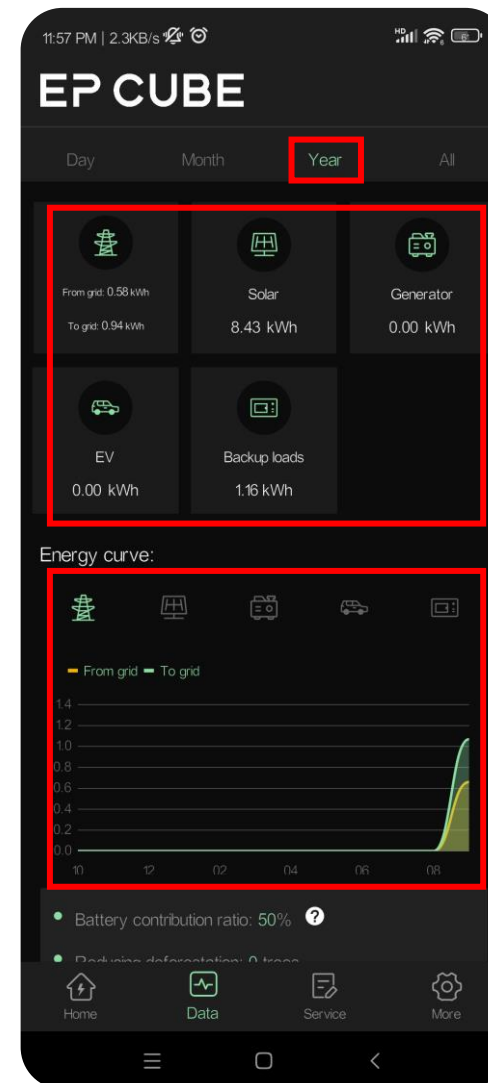
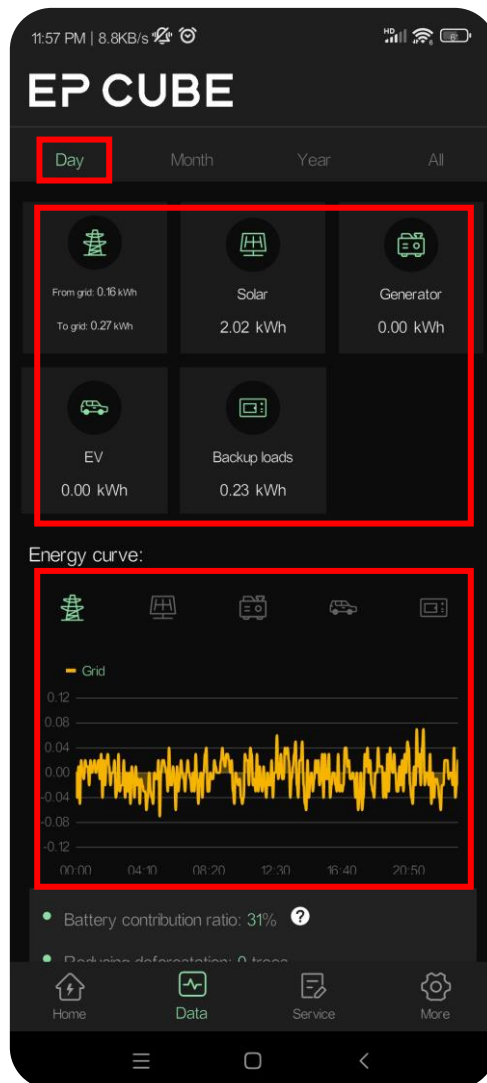
- Clicking on the “**Data**” button, you will be able to monitor detailed real-time information collected by EP CUBE for your device over its period of operation.
- Acquired data is collected and presented in a very intuitive way for the user’s understanding. It gives you an insight into your energy generation and consumption patterns. So, you can utilize and optimize your system in a way to meet your requirements in a better way.
- Besides that data is presented in both numbers and curves to make it more presentable and easier to understand. You can also click on different devices to see individual energy figures and curves.



Data

EP CUBE

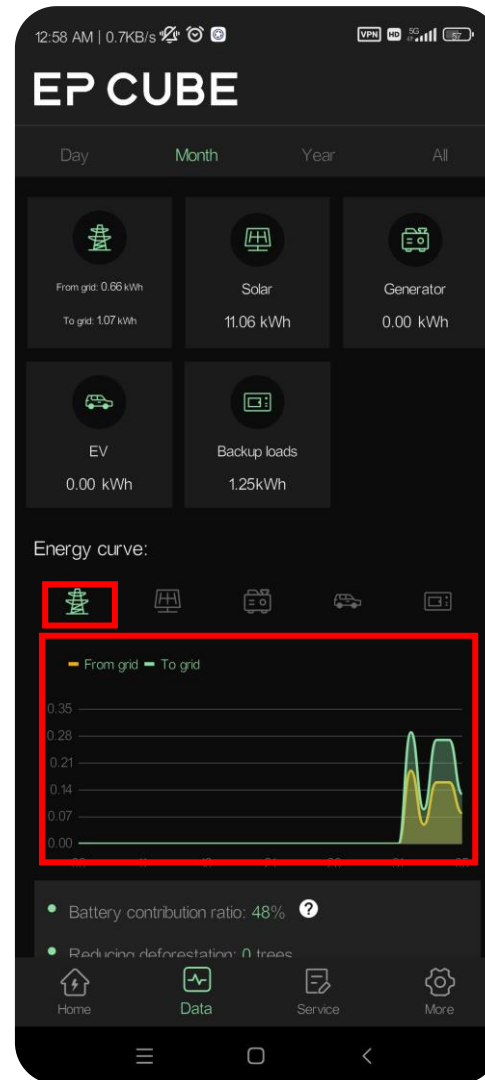
- This data is provided on a **daily, monthly, and yearly** basis.



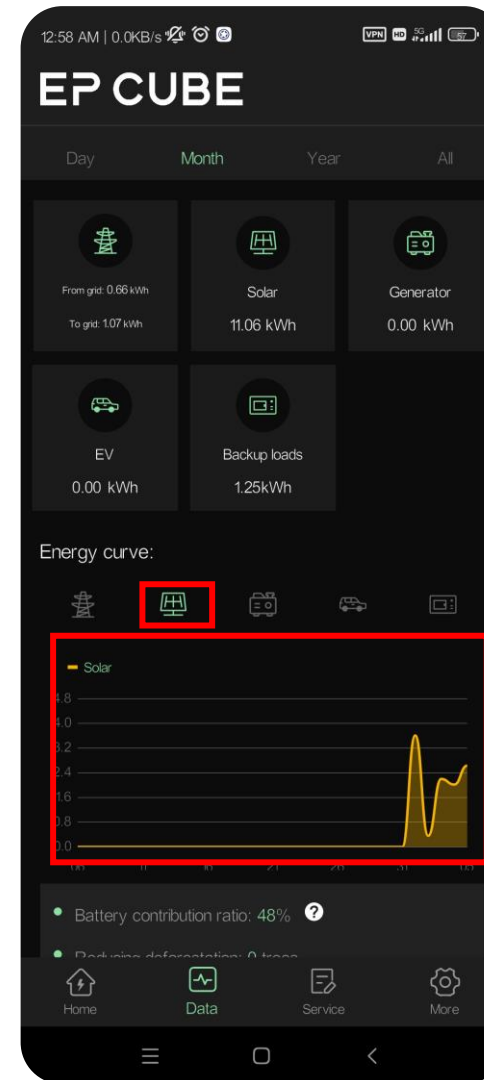
Data

EP CUBE

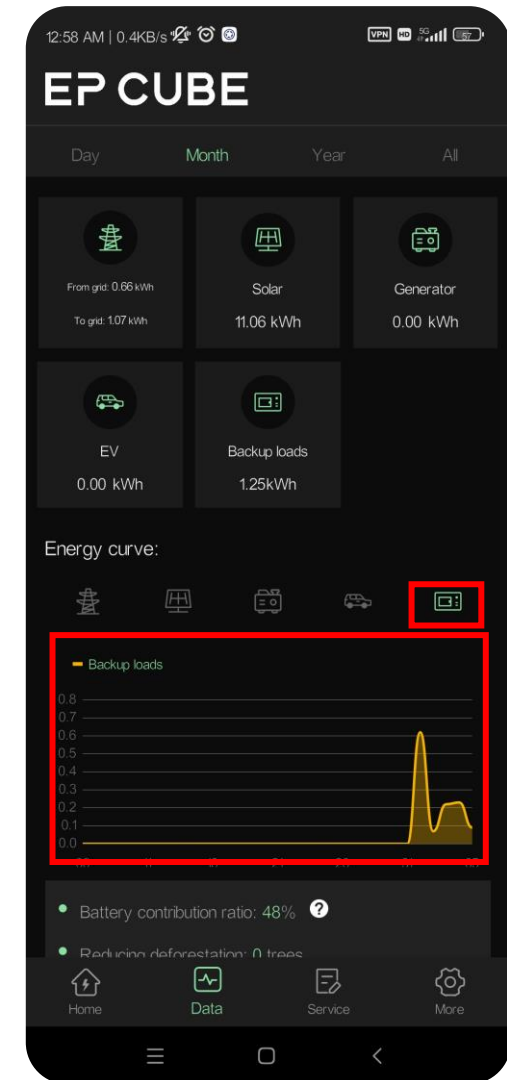
- Energy curves are available for all connected devices, click on a specific device to see individual curves.



Grid



Solar PV



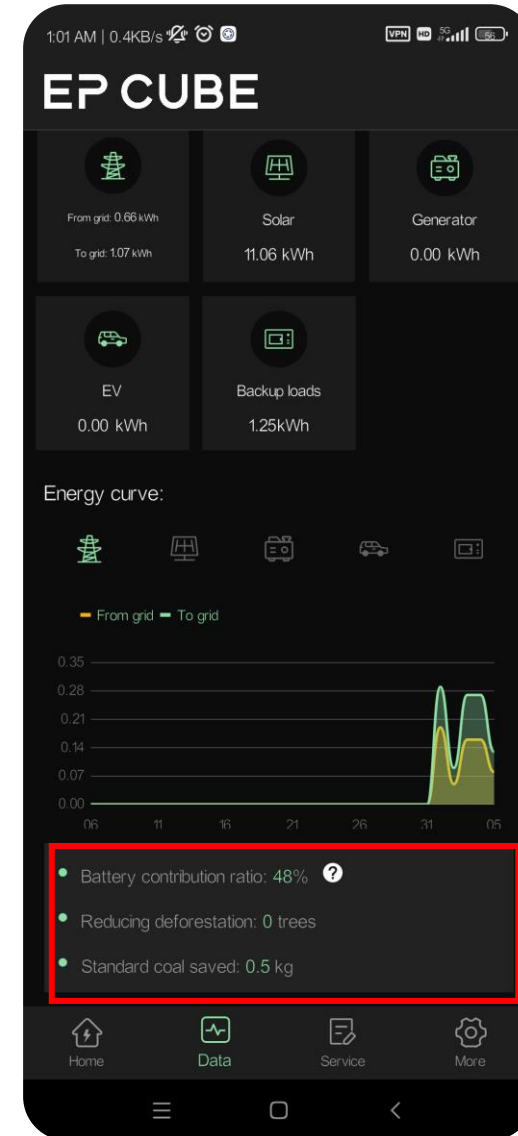
Backup Loads

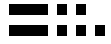
Data

EP CUBE

- EP CUBE also performs some cool analytics for you and provides you information on the environmental impact of your device in terms of:

- ✓ Battery Contribution Ratio
- ✓ Reduced Deforestation
- ✓ Standard Coal Saved





04

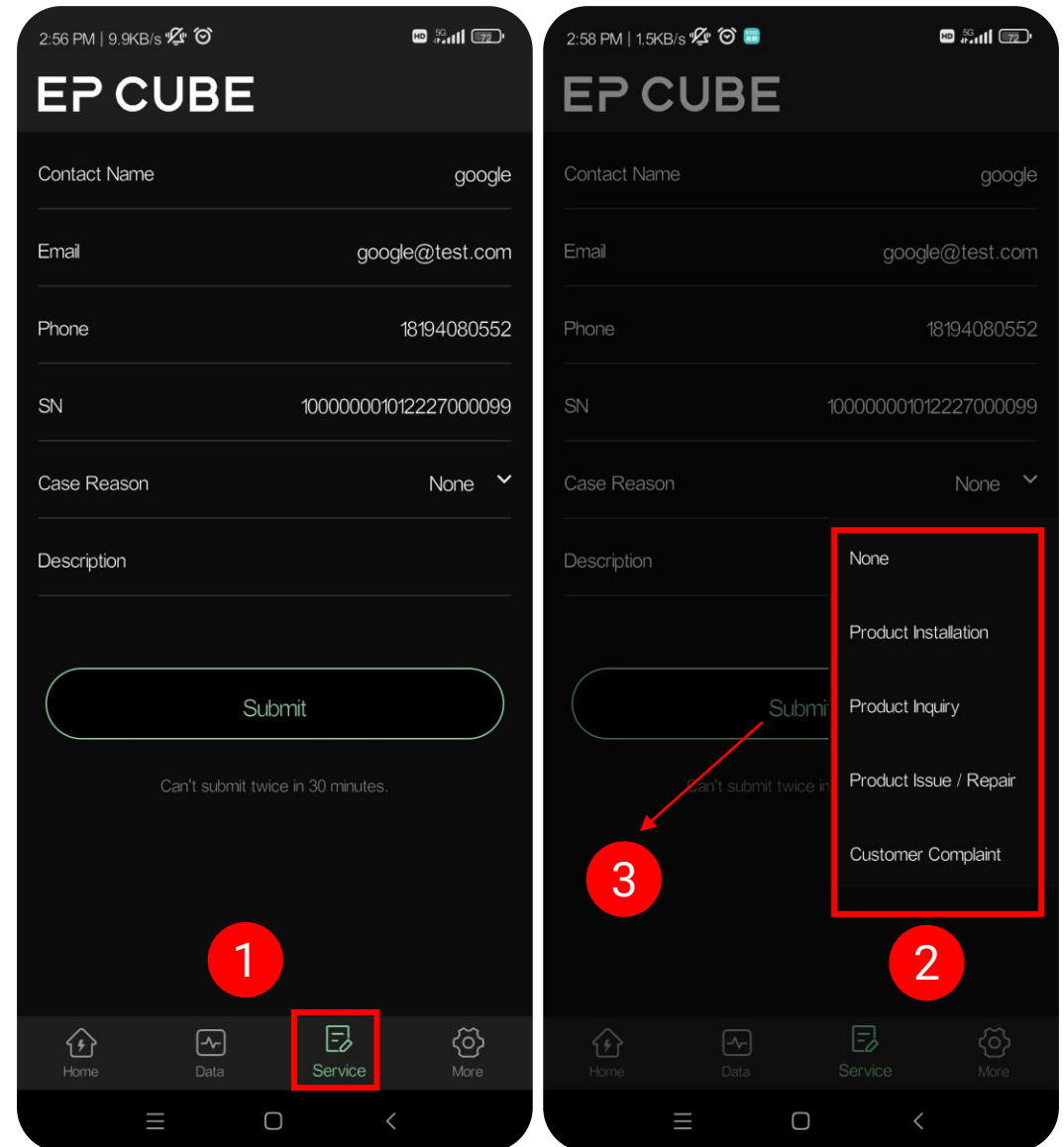
Service Page

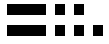


Service

- Clicking on the “**Service**” button will allow you to submit your queries and contact one of our service teams. All your information will be automatically populated by the app.
- You will be able to choose from different categories in the dropdown menu to classify the nature of your request i.e., product Inquiry, Product Issue/repair, etc.
- You can provide more information about your service request and click submit button to successfully complete this task.
- Once submitted, you cannot submit another service request for 30 min.

EP CUBE





05



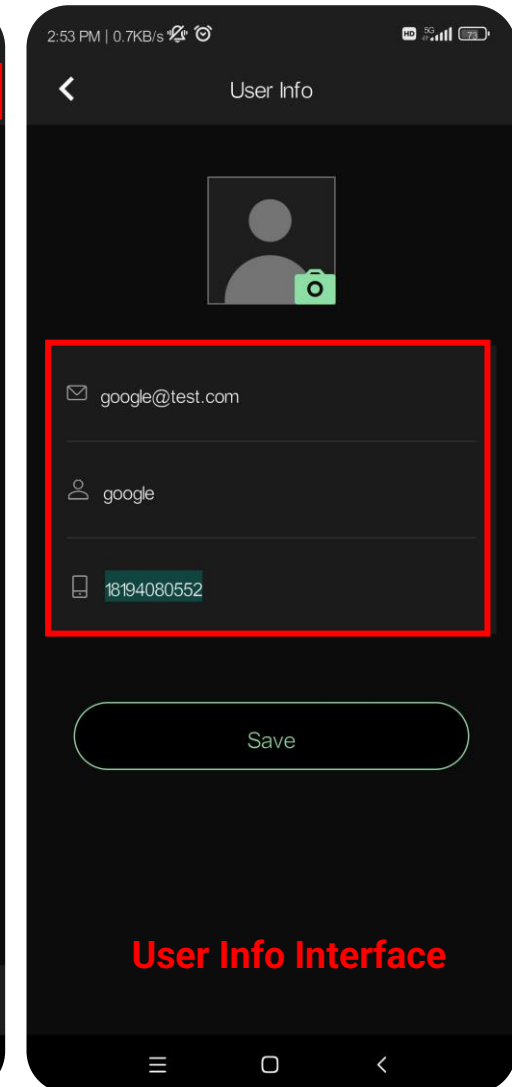
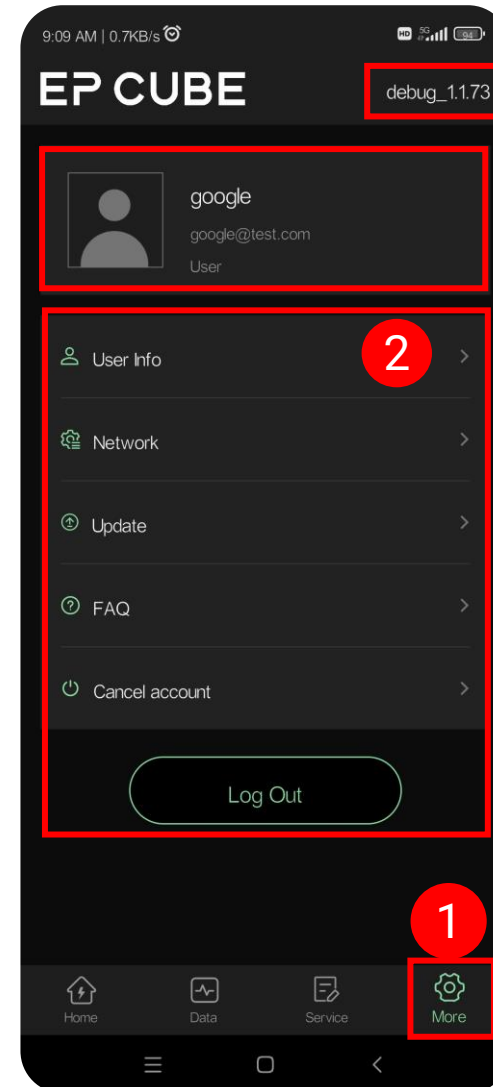
More Page



More-User Info

EP CUBE

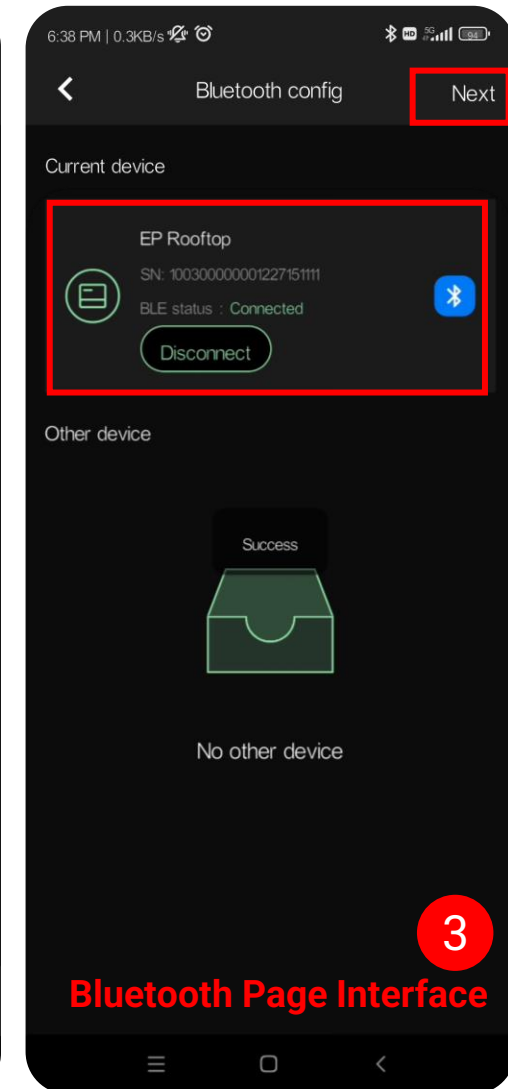
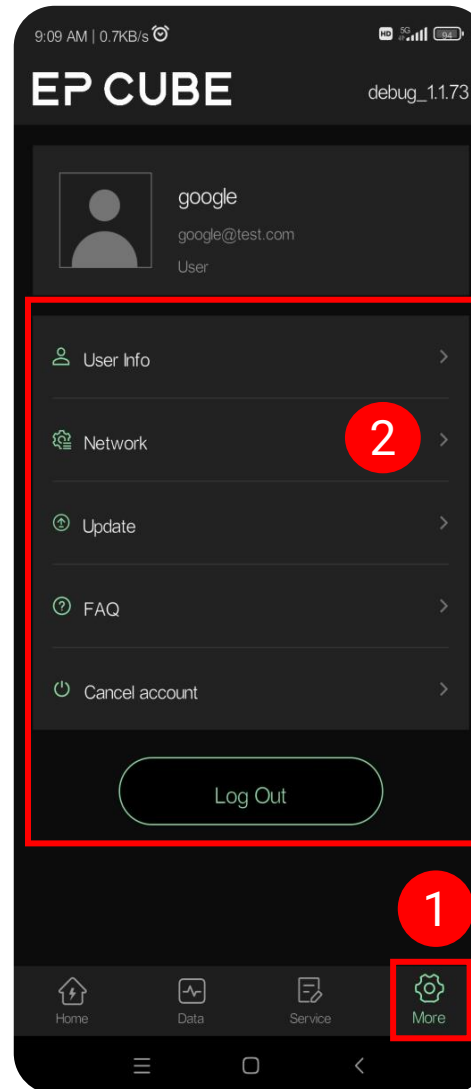
- Clicking on the “**more**” button, the main interface will display a menu list.
- On the top right corner, the current version of the app is displayed. Below that you can see the following info:
 - User Name
 - User Account (Email address)
 - Account type (Installer/User)
- User name and contact information can be updated by clicking “**User Info**”



More-Network

- **Network:** In order to set up a WIFI network connection, click on network. All your devices are shown here. Select your specific device and click on the Bluetooth button next to it.
- The selected device will be set as the current device. And Bluetooth icon will change its color.
- Click next in the top corner to see the WIFI setup interface. Connect to an available WIFI network using the password.

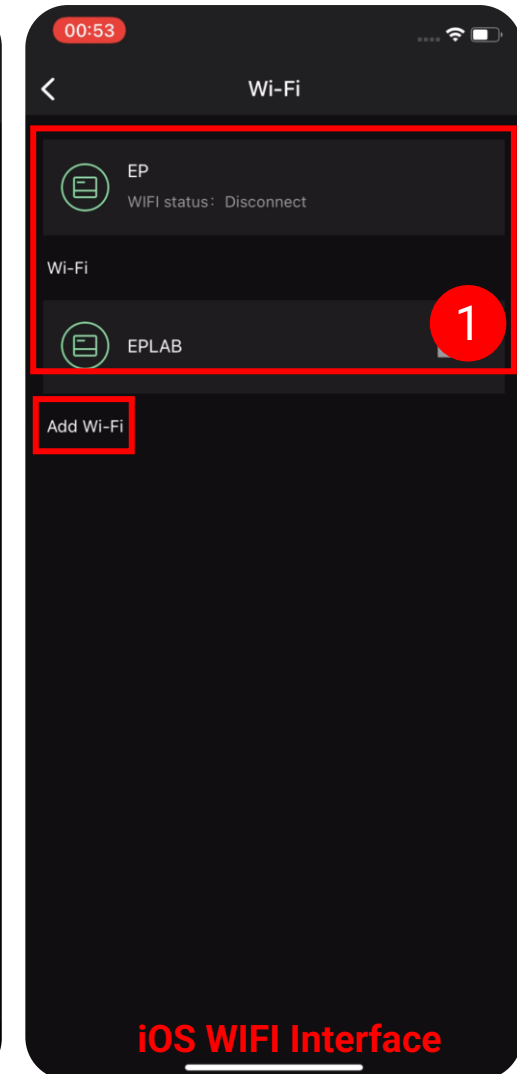
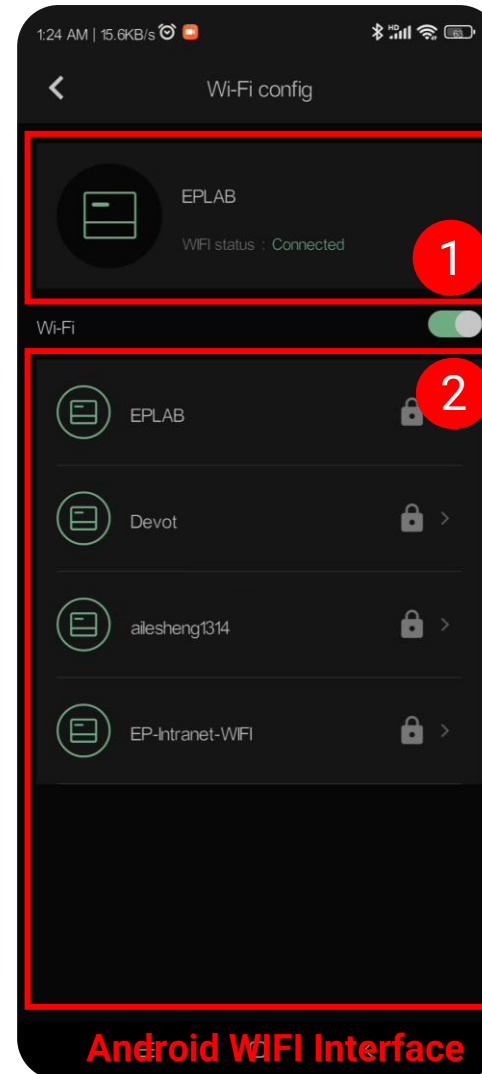
EP CUBE



More-Network

EP CUBE

- **WIFI:** On top, it shows the Wi-Fi currently connected to the device, and it has the WIFI name and connection status.
- Android displays a list of nearby 2.4GHz WIFI. When Bluetooth is connected, you can set the device to WIFI.
- iOS displays only the WIFI previously connected to the phone. If the phone is not connected to WIFI, the WIFI will not be displayed. Add Wi-Fi button can be used to manually add by writing the WIFI name and password to connect it to the device.



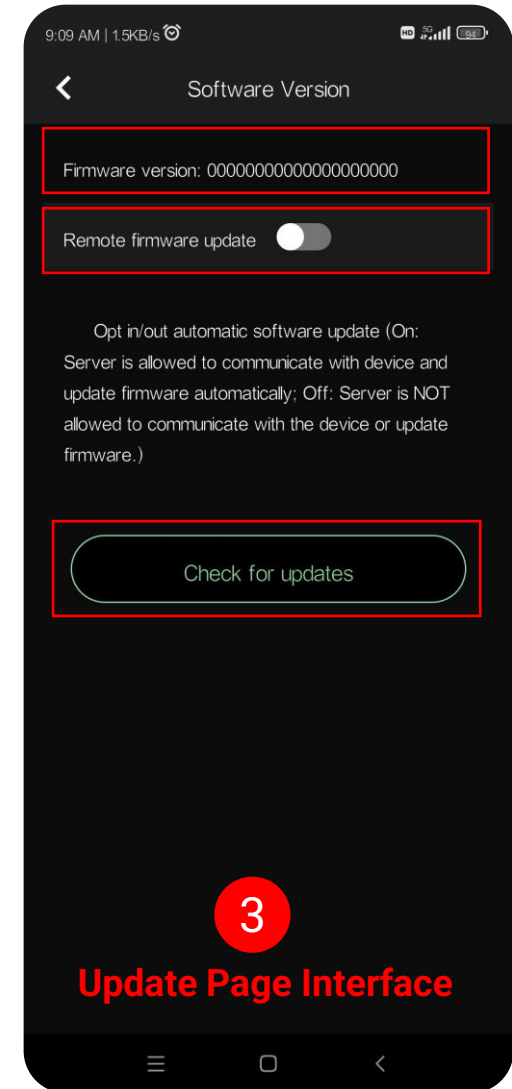
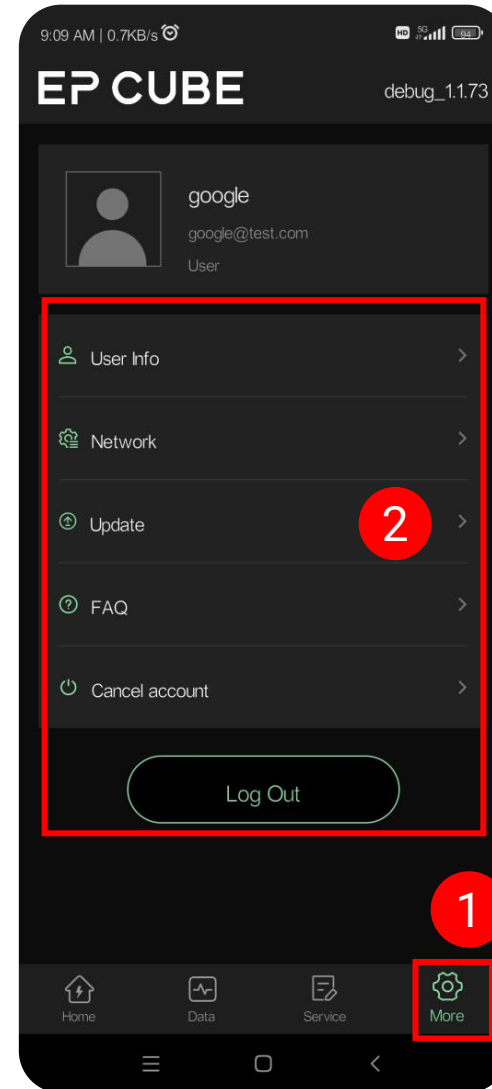
More-Update

EP CUBE

Click on the “**more**” button, then click “Update” and it will display the update page interface.

The **firmware version** will be displayed on top. Users will be able to enable the “**Remote Firmware Update**” feature known as “On the Air” which allows the EP CUBE system to automatically update the firmware.

If this OTA is disabled then the user has to periodically check for updates manually by clicking on the check for update button below.

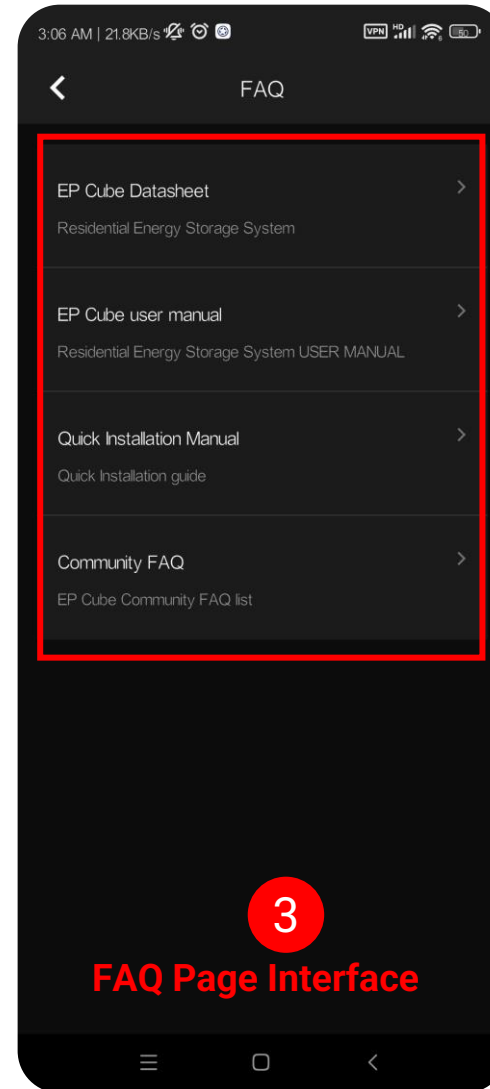
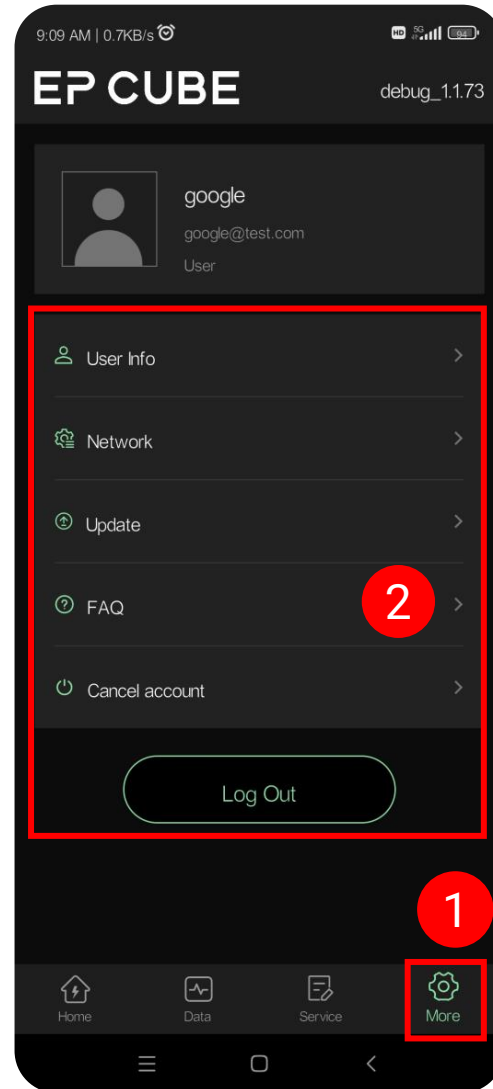


More-FAQ

Click on the “more” button, then click “FAQ” and it will display the FAQ page interface.

It provides basic information and documentation related to EP CUBE System. Click on your desired option from the available list of options, and you will be able to access the corresponding document from your app i.e. datasheet, user manual, and quick installation guide.

EP CUBE



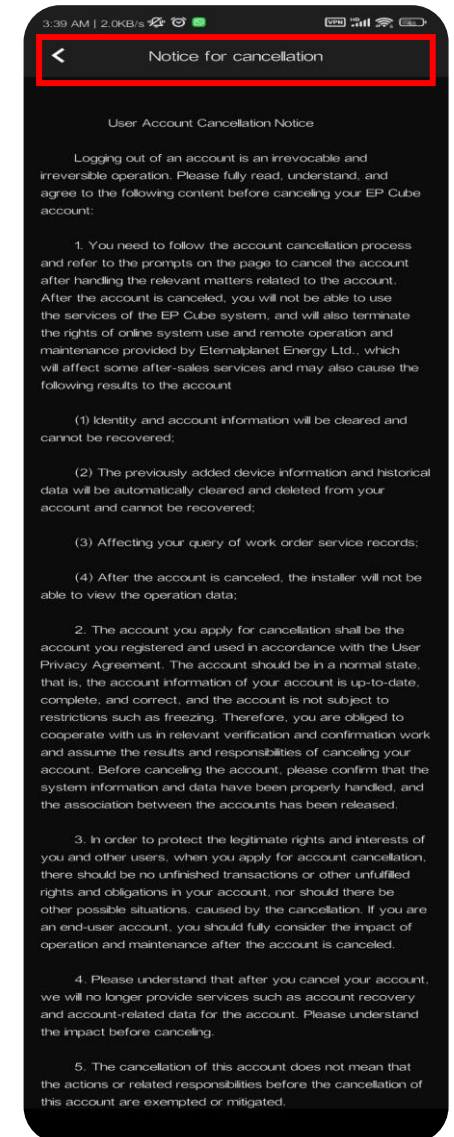
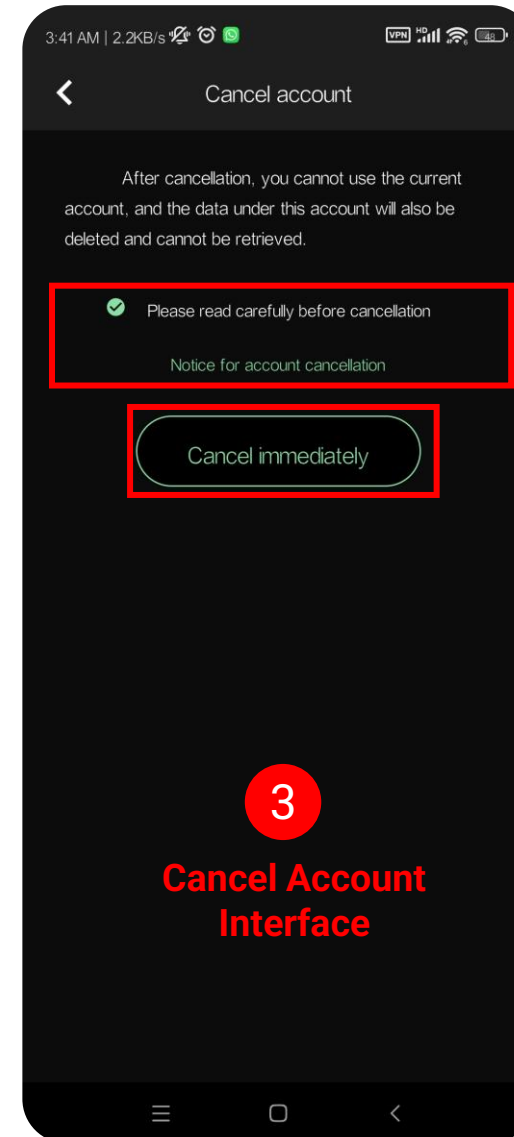
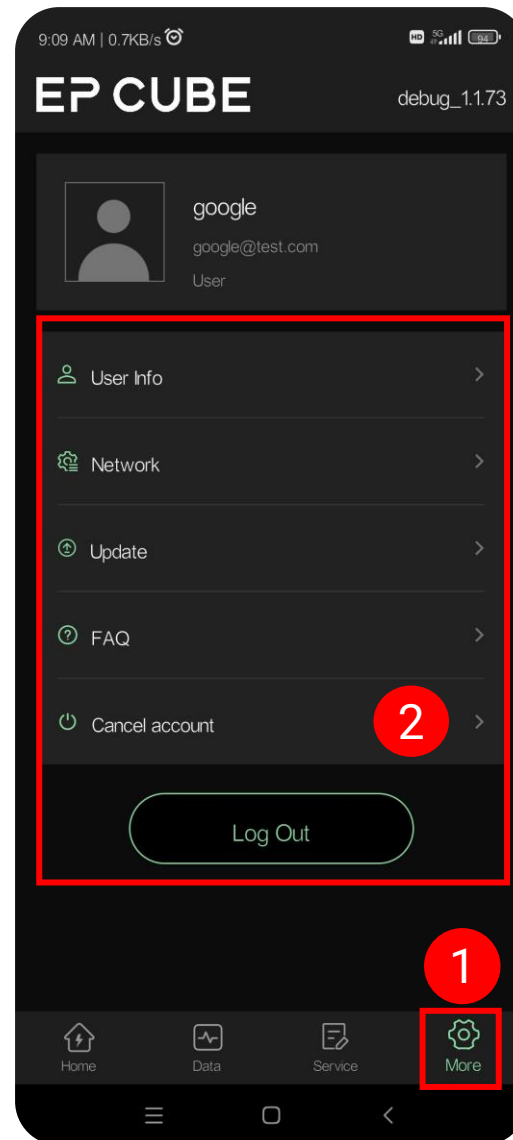
More-Cancel Account

Cancel Account: last option on the menu allows the user to cancel the EP account. Upon clicking you will be directed to the cancellation page.

Click on the Notice for account cancellation to completely understand the cancellation terms and conditions. Check the box after reading.

Finally, click the “Cancel Immediately” button to continue account cancellation.

EP CUBE



THANK YOU!

www.eternalplanet.us service.us@eternalplanet.com