

# EVSE Master APP User Guide

Enjoy your EV charging with  
application anytime



EVSEMaster





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## 1.1 Introduction

EVSE Master APP is an APP (both Android and IOS available) for remote control of smart charging stations.

EVSE Master allows you to control your charging station through Bluetooth or WIFI.

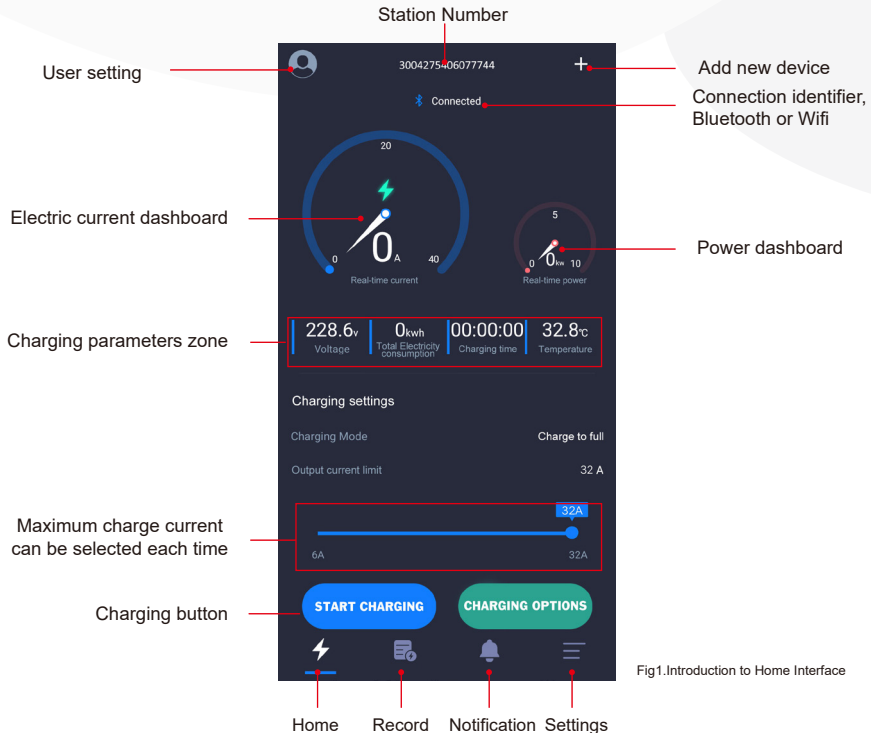
Its functions include monitoring charging station status, start/end charging, set charging options, review charging history, firmware update and etc.

This APP controls charging station through Bluetooth or WIFI. First connection must be made through Bluetooth. Once you are connected through Bluetooth you can set the related parameter for WIFI connection and from then on you can connect the charging station through WIFI. When both communication methods are available the APP will automatically switch to WIFI connection.

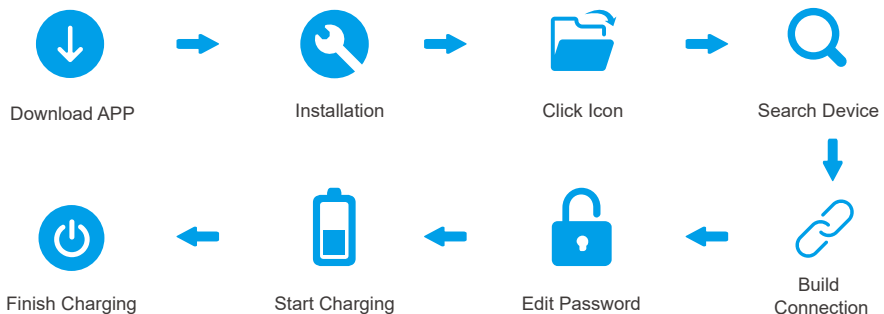
Communication Distance: Bluetooth communication is a point-to-point communication between the mobile phone and the Bluetooth module of the charging station. It's available within 10 meters in open space. WIFI communication is the connection between the mobile phone and the charging station on the same WIFI router. Its effective distance depends on the WIFI router's signal distance so please make sure both your phone and charging station are in the WIFI router's signal range. Neither communication methods will be available if your phone or charging station are out of signal range of the WIFI router.

# 01 General

## 1.2 Charging Home Interface



## 1.3 Quick Install&Use Tutorial



# 01 General

## 1.4 Communication Delay Interface

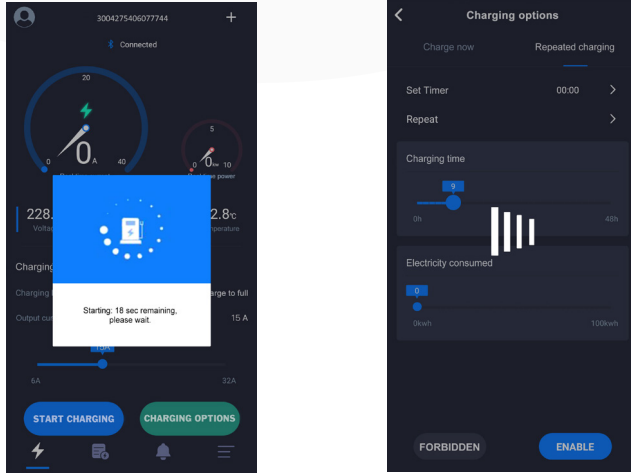


Fig2.Communication Delay Interface

When there's delay during connection, you will see the above 2 kinds of waiting interfaces. When the countdown reaches 0 or there's no countdown, please wait for 10 seconds. If there's still no reaction please press the Stop button and try again. In the meantime, please check if the devices are offline.

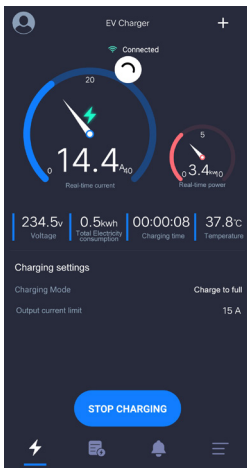


Fig3.Establish Communication Interface

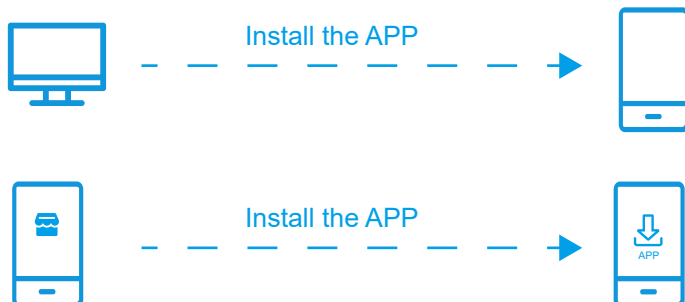
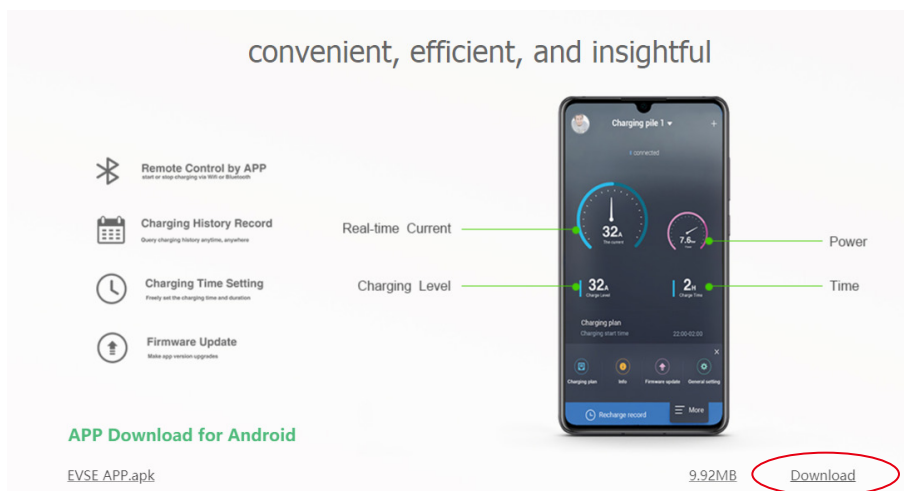
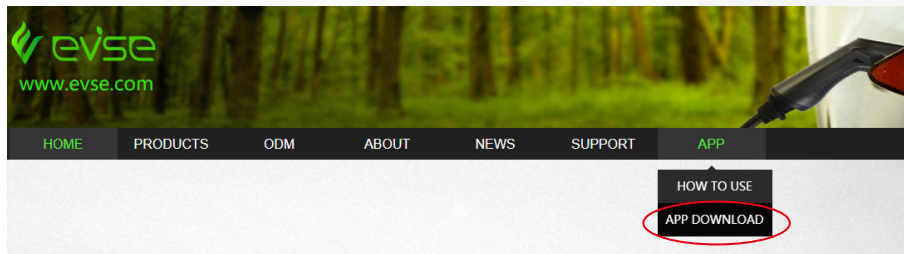
## Charging Interface Drop-Down Refresh

If you want to get the updated information at the charging homepage, you can pull down to refresh immediately

# 02 Instruction of Use

## 2.1 Install the APP

(<https://www.evse.com>)



# 02 Instruction of Use

## 2.2 Connect Application and Station

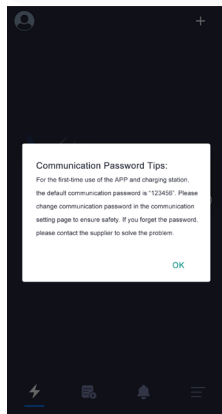


Fig4. Welcome Interface

At the first time you run the APP, the system will remind you to change your communication password. There will be a notification "At the first time you use this APP and charging station, the default password is 123456. To ensure safety use, please change the communication password in Communication Settings immediately. If you forget your communication password, please contact your supplier."

This notification will only pop once at the first installation and will never appear again. For some Android system it will not appear even if you reinstall the APP. This notification is very important. Please change your communication password immediately after first connection. Password contains 6 digits. Please don't use the default "123456" as password. If you don't change the communication password, there will be a risk of your charging station operated by other APP users.

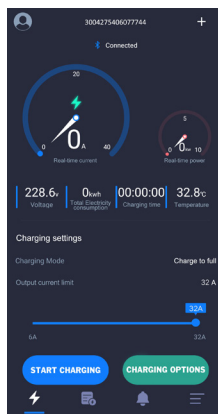
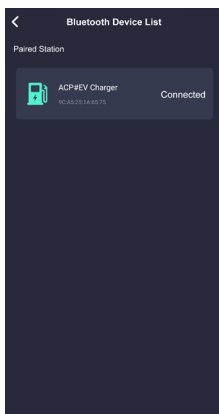
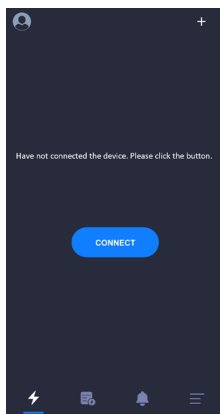


Fig5. Establish Connection Interface

When you open APP you will see "Unconnected to charging station, press the button below to start connection". If it is the first connection, please press the "+" on the upper right corner to start searching for charging stations. Press "connect" when the charging station is found to connect.

Notice: There're may be multiple Bluetooth devices but here the APP will only show the charging stations.



# 02 Instruction of Use

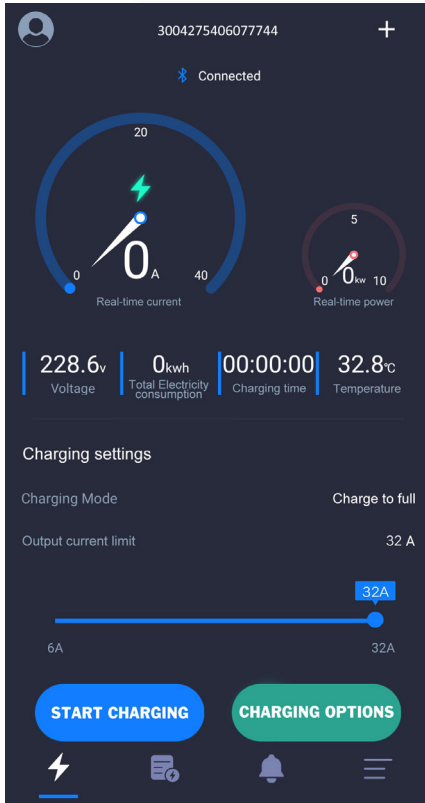


Fig6. Prompt Charging

## 2.3 Start Charging

### Way 1: Prompt charging

Click 'START CHARGING' and start your ev charging directly.

The charging interface shows information data during charging, including real-time current, real-time power, voltage, total power consumption, charging duration, device temperature, charging mode, and maximum output current.

If it is set, this page will also show maximum charging time, maximum charging amount and etc.

# 02 Instruction of Use

## 2.3 Start Charging

### Way 2: Set Charging Options-Single Time Charging

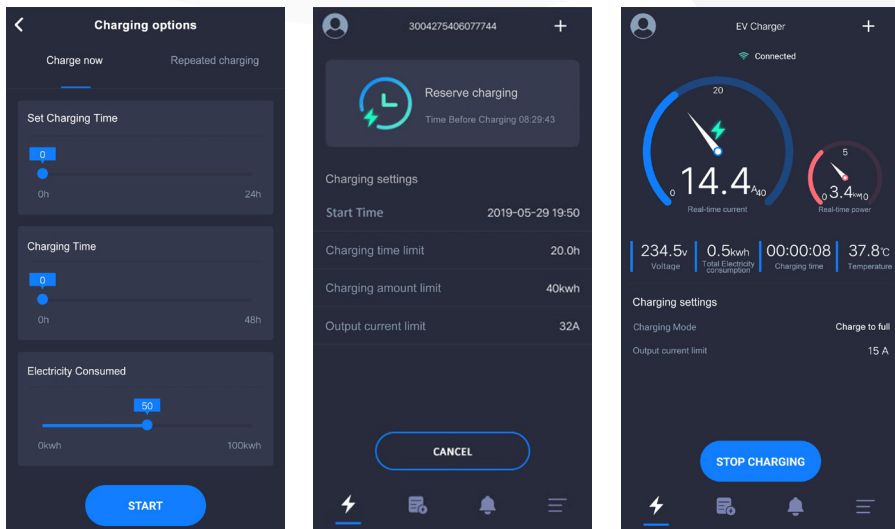


Fig7. Custom Charging -A Single Charge

There're three options you can set for a single time charging.

1、Delayed start: You can set to start charging at certain hours from now. If it's set to 0 then it means start charging immediately. If it is set to other numbers it means making a reservation for charging. The maximum delay is 24 hours.

2、Charging time: You can set the maximum charging time. The charging will automatically stop when reached set time. If it is set to 0 it means no limitation for charging time. Maximum charging time is 48hours. You can set the charging time and charging amount at the same time and at least one of them must be set.

3、Charging amount: You can set maximum charging amount. The charging will automatically stop when reached set charging amount. If it is set to 0 it means no limitation for charging amount. The maximum amount is 100kWh. You can set the charging time and charging amount at the same time and at least one of them must be set.

## 2.3 Start Charging

### Way 3: Set Charging Options-Cycle Charging

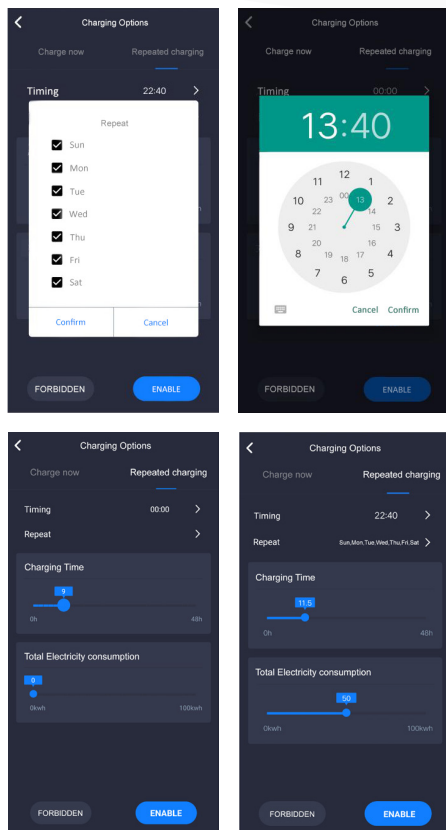


Fig8. Custom Charging -Cycle Charging

There're four options you can set for Cycle Charging.

#### 1.Start time for cycle charging:

Set to start charging at a certain time.

#### 2.Repeating time :

The charging will automatically repeat each week, you can set which week days you want the station to automatically start charging.

#### 3.Charging time:

You can set the maximum charging time. The charging will automatically stop when reached set time. If it is set to 0 it means no limitation for charging time. Maximum charging time is 48hours. You can set the charging time and charging amount at the same time and at least one of them must be set.

#### 4.Charging amount:

You can set maximum charging amount. The charging will automatically stop when reached set charging amount. If it is set to 0 it means no limitation for charging amount. The maximum amount is 100kWh. You can set the charging time and charging amount at the same time and at least one of them must be set.

Cycle charging means after you set all the parameter, when it reaches the certain time you set with the charging station's plug correctly plugged in and not in a charging process, the charging station will automatically start charging. It's similar to the alarm clock. When it reaches the certain time the charging station will automatically start charging. Once it is set, it will repeat automatically every week.

Cycle charging are set as above pictures show. Please follow the below steps to set.

1. Choose charging time and charging amount.
2. Choose hours.
3. Choose minutes.
4. Choose the days you want to repeat charging.
5. Press "Enable" button to enable the settings. A notification will pop to tell you that everything is successfully set.
6. If you want to cancel cycle charging, press "Cancel" button. A notification will pop to tell you that cycle charging is successfully cancelled.

# 02 Instruction of Use

## 2.4 Charging History

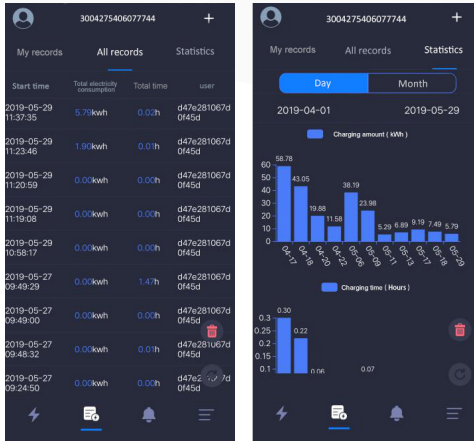


Fig9. Charging Record

Charging history allows you to see, get, summarize, export, delete charging history.

### 1.My Charging History:

Only contains charging history of this APP user. Most recent record is at the top of the page. You can delete or regain your charging history from the charging history page.

### 2.All Charging History:

Get all the charging history recorded by the charging station. Most recent record is at the top of the page. You can delete or regain your charging history from the charging history page.

### 3.Charging Summary:

The charging duration and charging power can be counted by month or by day. When counted by day, the system automatically counts one week before the current time. When counted by month, the system automatically counts 6 months before the current time.

#### 4.Delete charging history button:



The record stored in the mobile APP could be deleted, but the record of the charging station will not be deleted.

#### 5.Sync charging record button:



When the phone needs to synchronize the record of the charging station, press this button to synchronize, and it takes some time.

#### 6.Export charging recordbutton:



Export records, generate files and save the file in the mobile phone, and then export it to the computer or other devices by other means.

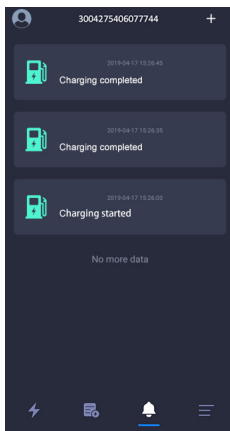


Fig10. Information Interface

## 2.5 Information Interface

Information Interface records the start and end of charging, which can be viewed and deleted.

# 03 System Setting

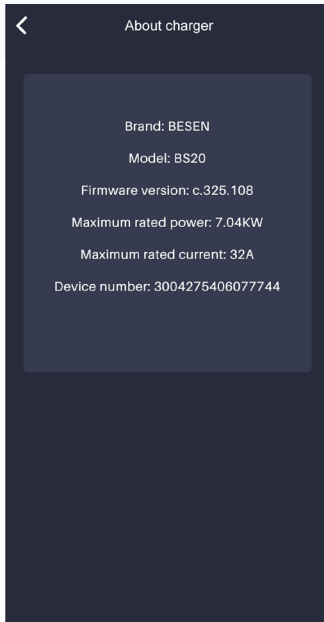


Fig11. About Device

## 3.1 About Device



About the characteristic of the charging station, including the brand, model, firmware version, maximum rated power, maximum rated current, device number and other information.

## 3.2 Firmware Upgrade

Firmware update shows the charging station's current firmware version and the firmware version included in the APP.



If the APP version is the latest one it will remind users to update the firmware in the charging station.

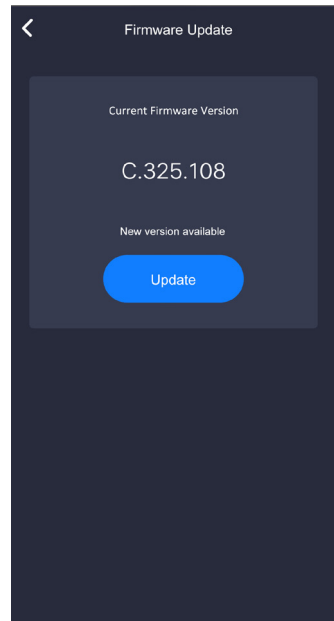


Fig12. Firmware Upgrade

# 03 System Setting

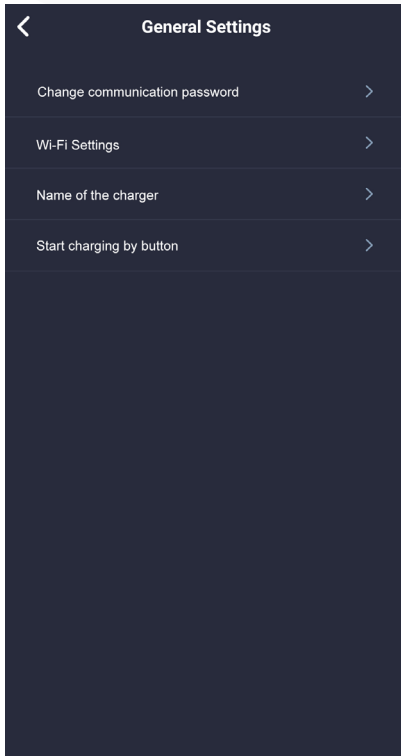


Fig13. GeneralSetting

## 3.3 General Setting

The general settings include modifying the communication password, charging station WIFI settings, rename charging station, and button to start charging.

Related parameters can be modified in each sub-item.

# 03 System Setting

## 3.3 General Setting

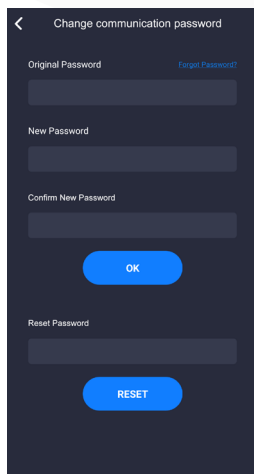


Fig14. Modify Password Interface

The charging station and APP matches by communication password. Communication password consists of 6 numbers.

The default password is "123456". At the first connection of the charging station and APP, please remember to change your communication password.

If the password is not changed, there might be a potential risk that this charging station is operated by other APP users.

You need your original password to change your password. When you change your password, you need to enter your new password twice. There'll be a notification to let you know if you have successfully changed the password or not.

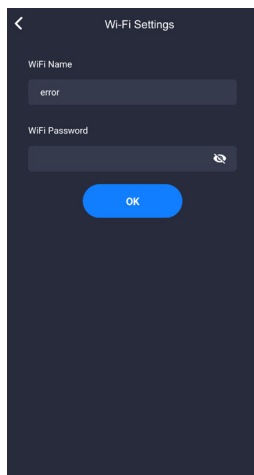


Fig15. Wifi Setting Interface

WiFi is not available in the first connection.

You need to set the connection information to connect the charging station and WIFI router.

This requires your WIFI name and password.

Please make sure your phone is connected to the WIFI router. After entering the WIFI name and password please press confirm to complete setting.

# 03 System Setting

## 3.3 General Setting



Fig16. Button to Start Charging

Charging station supports three ways to start charging:

- 1、Start by APP.
- 2、Cycle charging. If Cycle charging is set, it will start automatically at set time.
- 3、Start by button. You can set to allow start/end charging by pressing the button on the side of the charging station on this page.

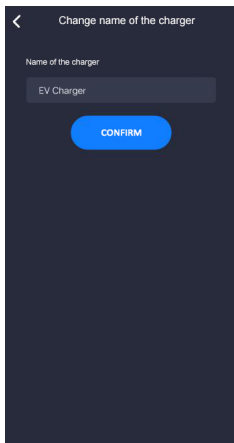


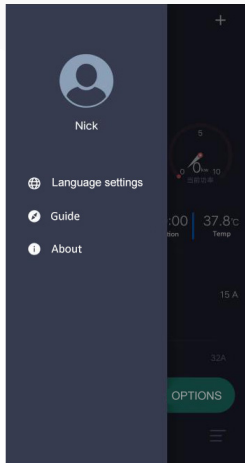
Fig17. Station Name Interface

In this page you can find the name of your charging station. The default name is "EV Charger".

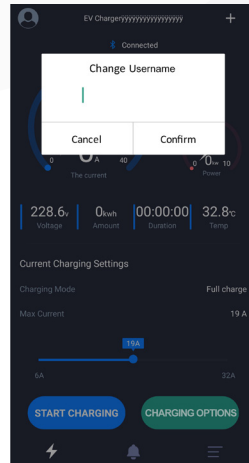
You can rename your charging station and it will be displayed on the screen of the charging station. Maximum 11 letters (including space).



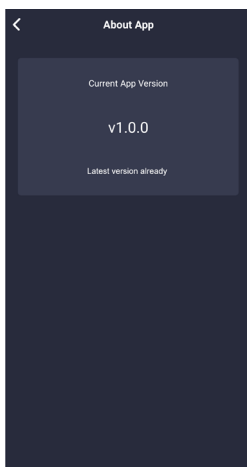
# 04 User Setting



User Setting includes nickname settings, language settings, FAQs, and about.



You can change your user's name on this page.



This page shows some information about the APP.



This interface lists frequently asked questions and solutions for your system.