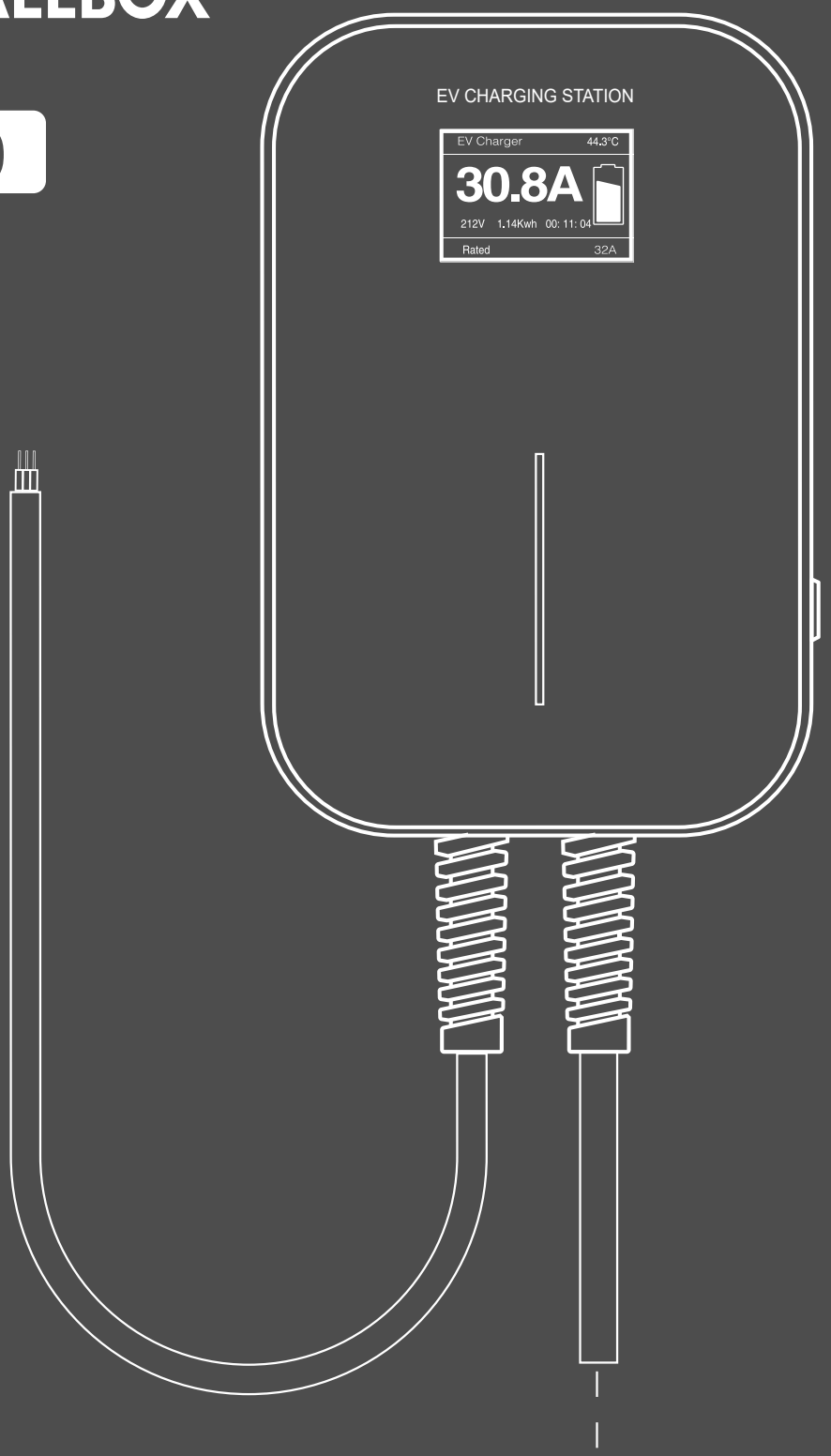
QUICK USE GUIDE

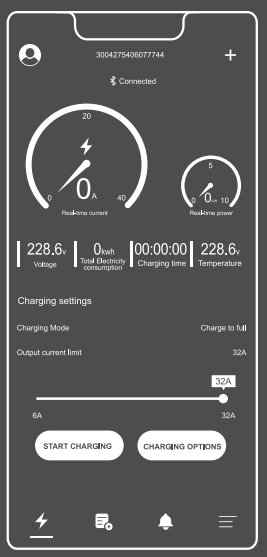
Wall-mounted charger

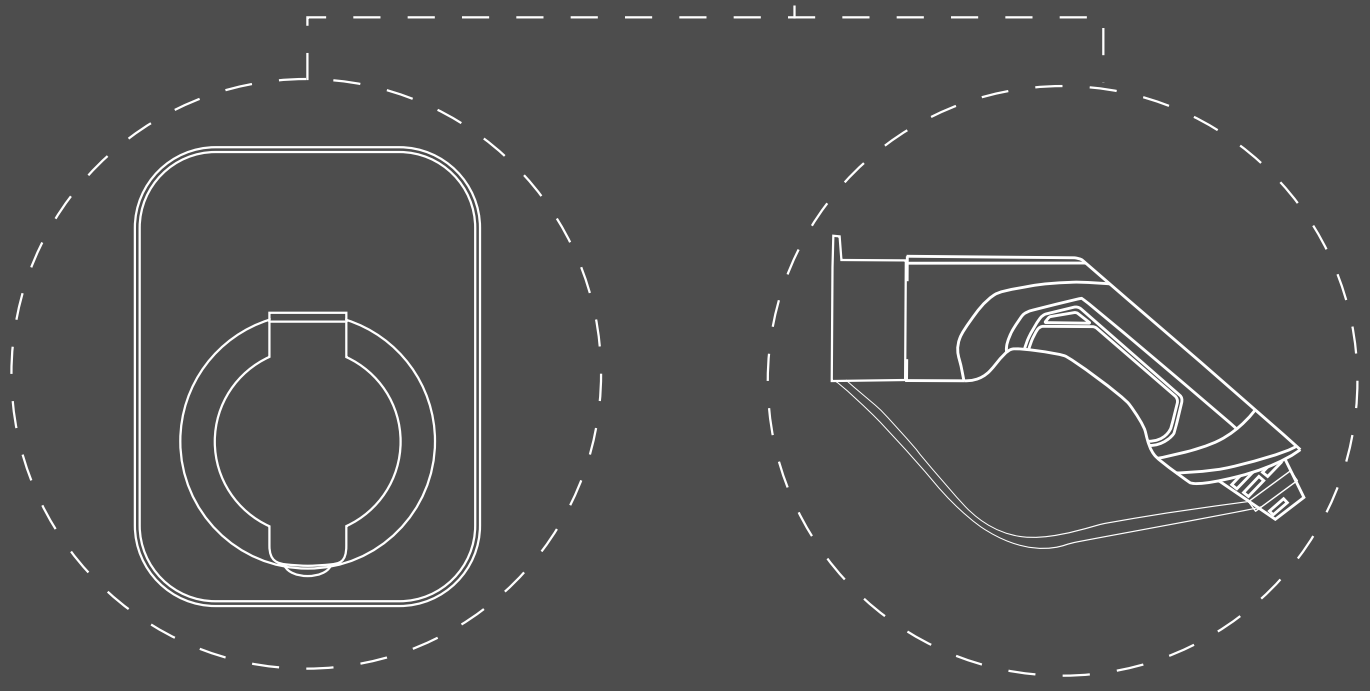
EV WALLBOX

BS 20



APP





(MODE A) (MODE C)

DOWNLOAD AND CONNECT

IOS

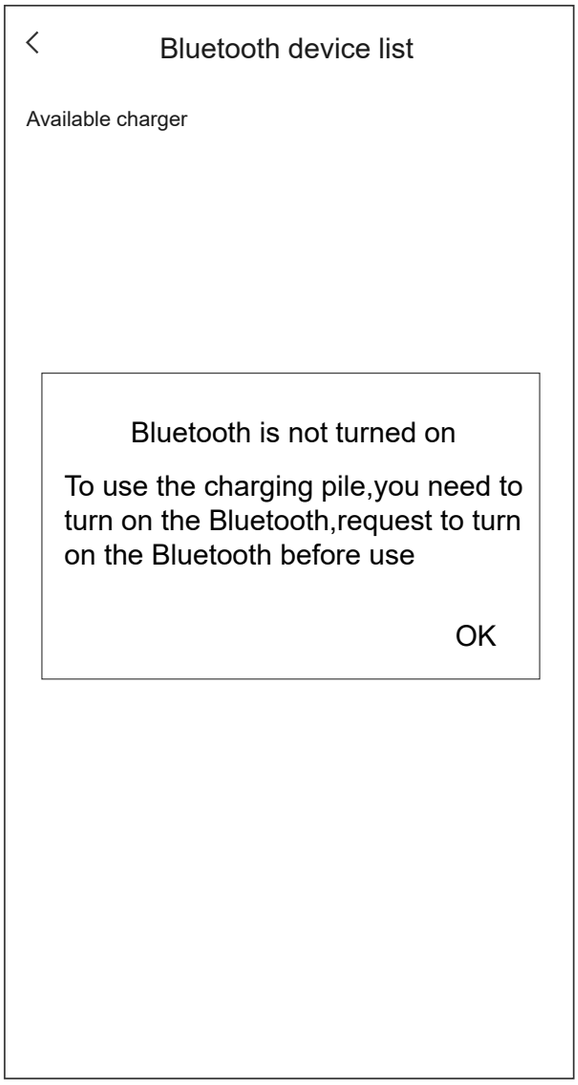
Please search for 'EVSEmaster' in Apple Store

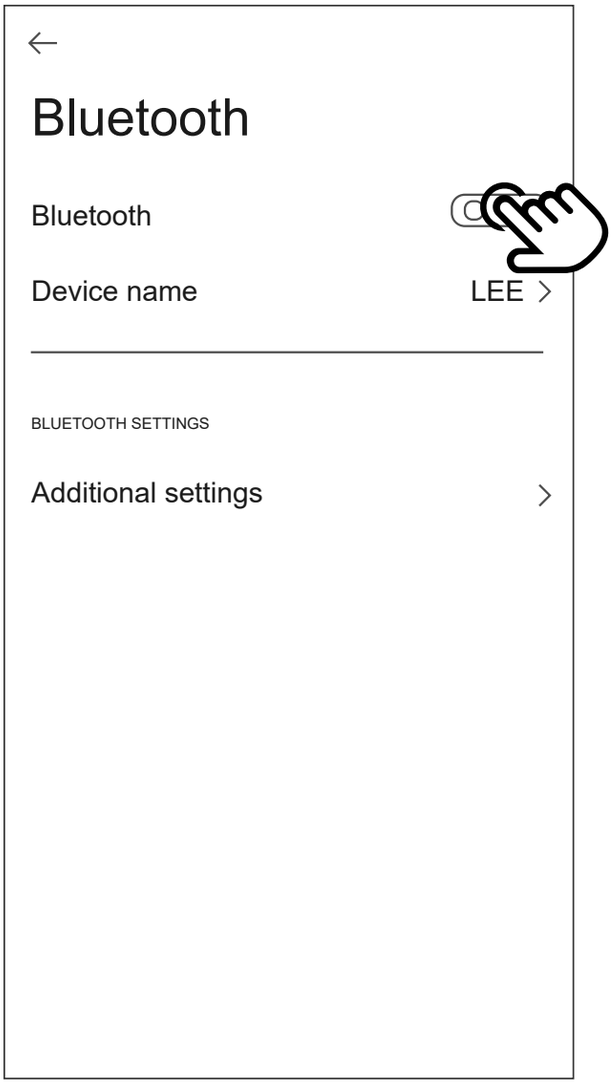
Android

Please search for 'EVSEmaster' in Google Play

Guide to turn on the Bluetooth page

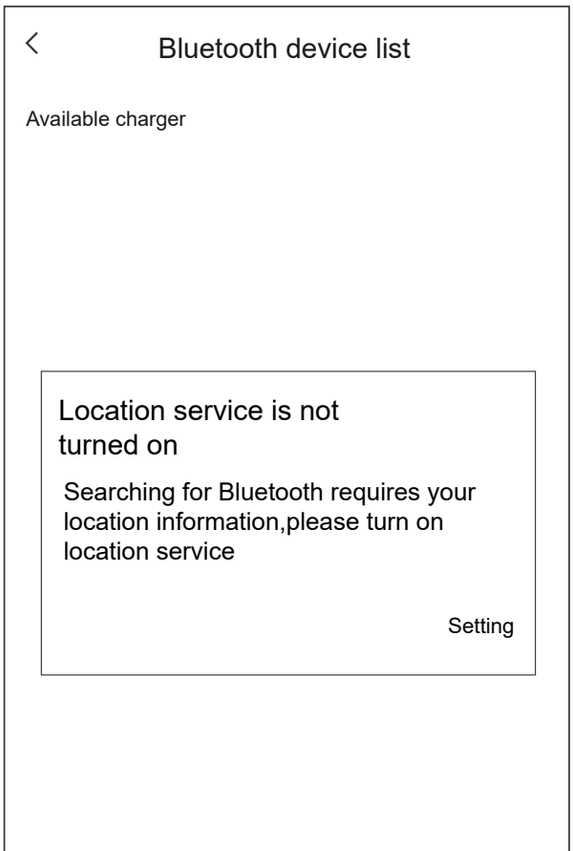
When searching for charging stations, if Bluetooth is not turned on, it will prompt to turn on Bluetooth:

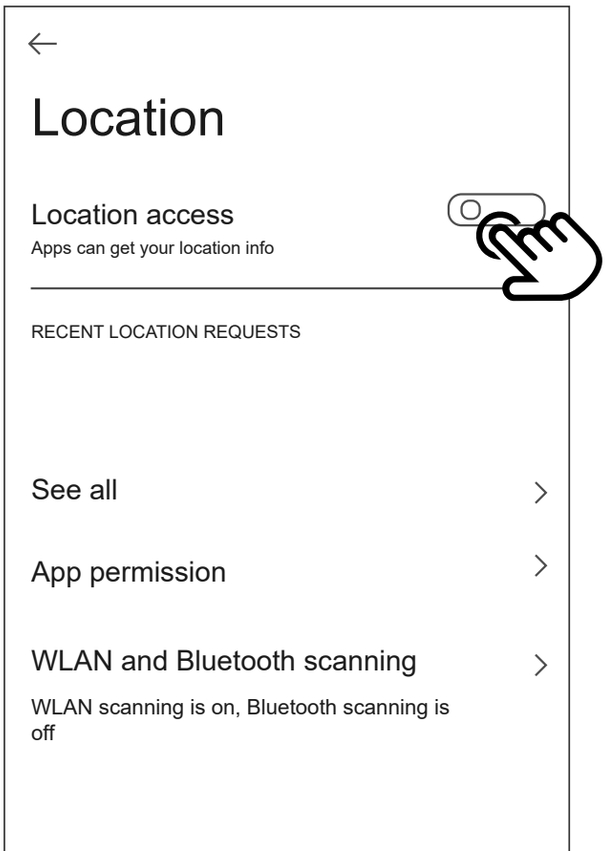




Guide to turn on the location page

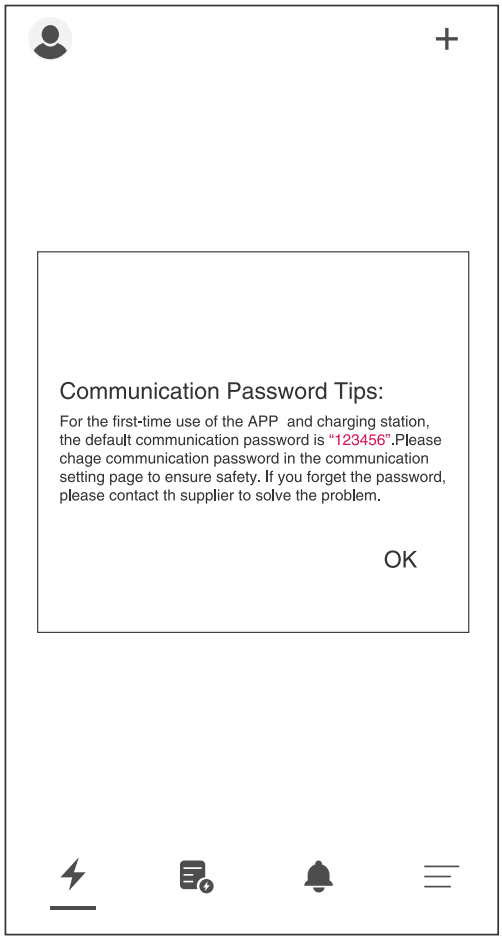
When searching for the charging station, if the location service is not turned on, it will prompt to turn on location access:

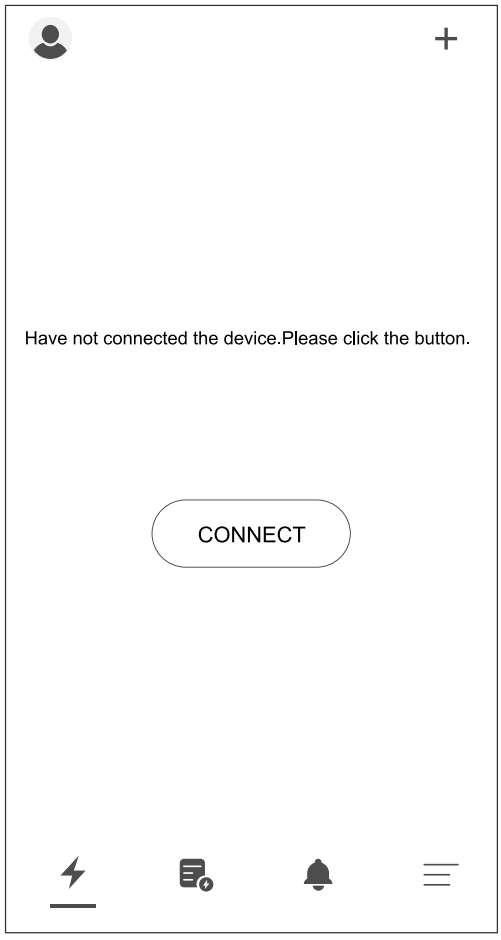


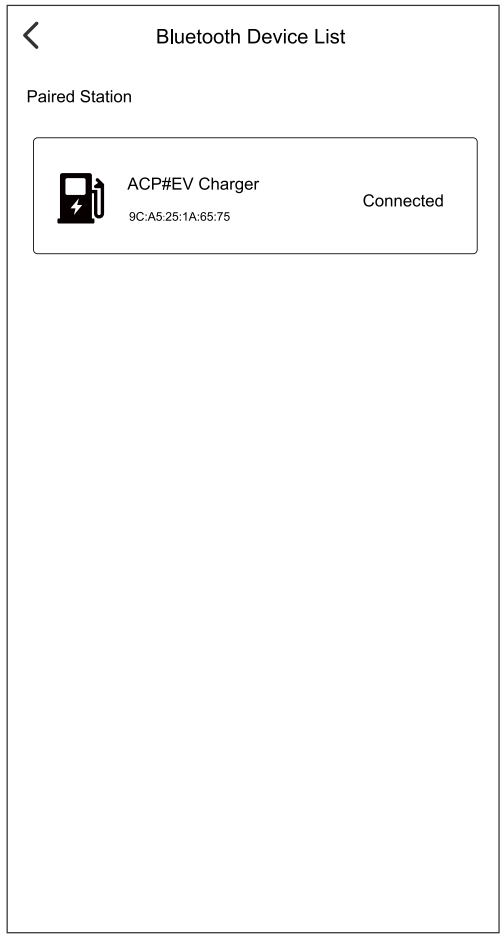


First connection

Connection method and matters needing attention：
1. Bluetooth connection must be used for the first connection. After the Bluetooth connection is done, you can set the WIFI connection in the APP.

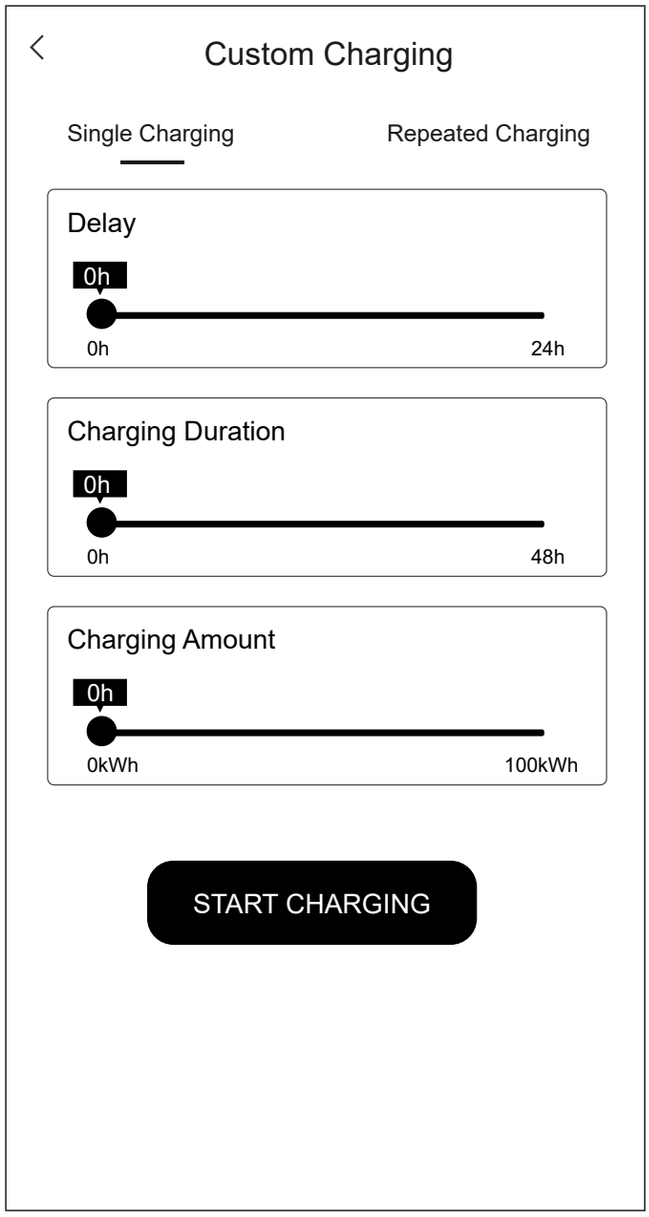






NOTE:
1. In the case that both WIFI and Bluetooth can connect to the device, the device will give priority to WIFI connection.
2. The device can only recognize 2.4G WIFI network, do not use 5.0G WIFI network for connection.

Custom charging-Single charging



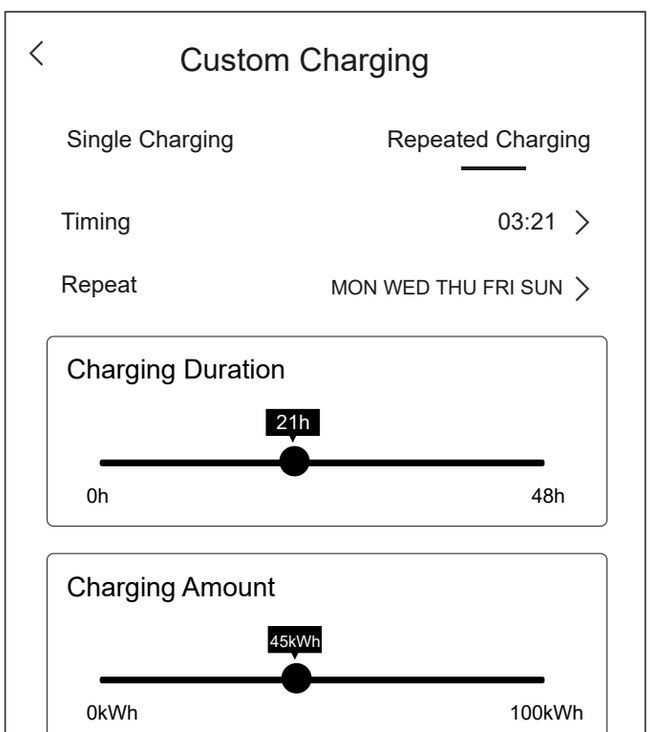
There are three parameters that can be set for a custom single charging.

1. Delay charging: Schedule the charging start time.Maximum is 24 hours later.

2. Charging time: The maximum charging time, after which the charging station will automatically stop charging.

3. Charging power: The maximum charging power, beyond which the charging station will automatically stop charging.

Custom charging-Periodic charging



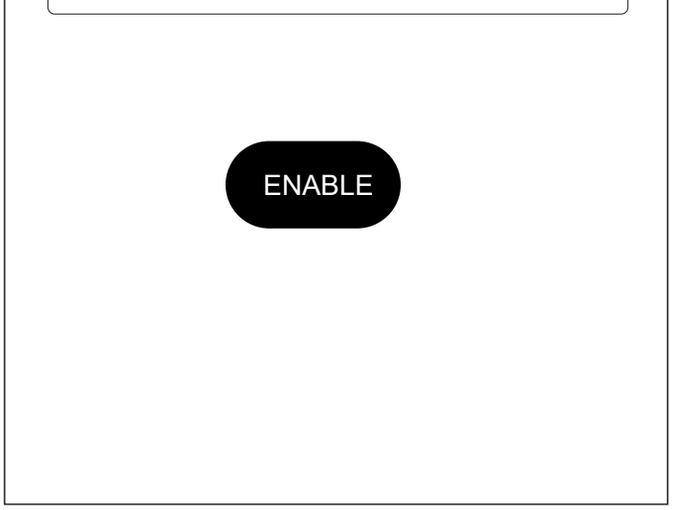
There are four parameters that can be set for charging with custom charging cycle.

1. Cycle start time: Set the time at which to start charging.

2. Cycle repetition time: Set the days of the surrounding cycle to repeat, and you can select part or all of it.

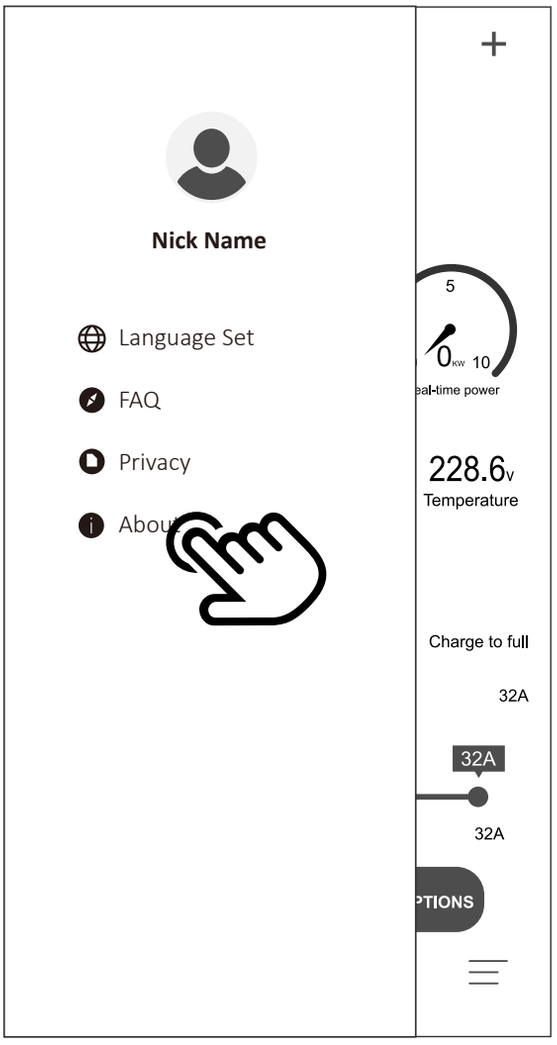
3. Charging time: The maximum charging time, after which the charging station will automatically stop charging.

4. Charging power: The maximum charging power, beyond which the charging station will automatically stop charging.

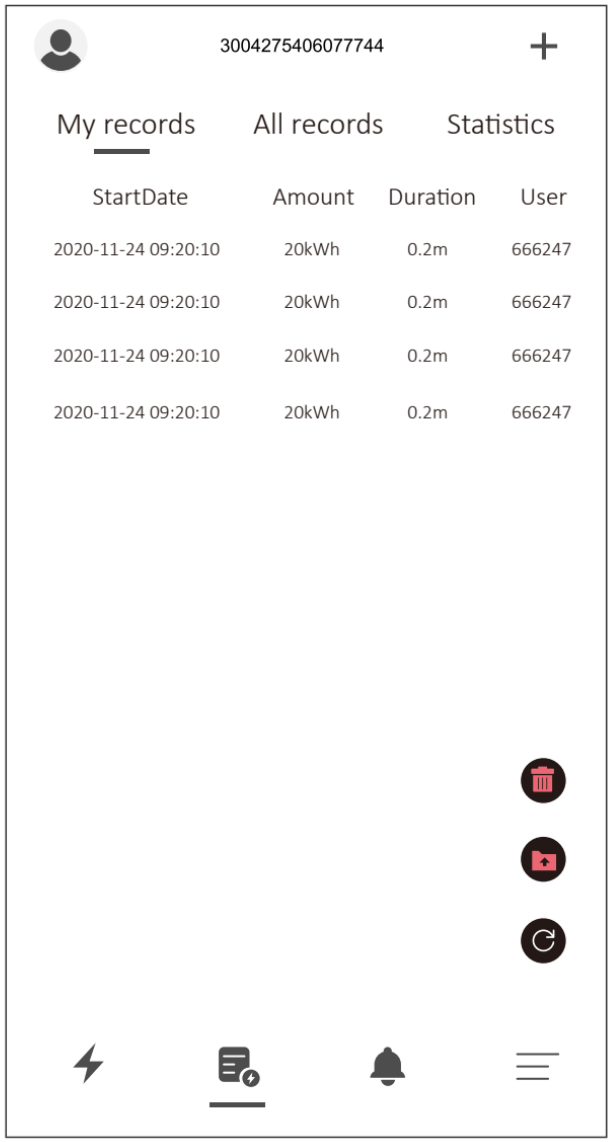


User settings

The user settings page contains Nickname, Language Set,FAQ and About.



Charging records-My records



1. My records
Only the charging records of the user of this APP are counted.

2. All records
All the charging records in the charging station are counted.

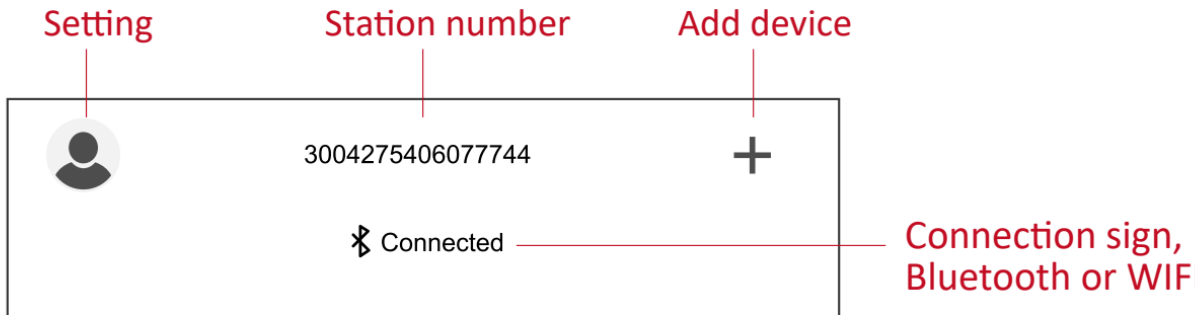
3. Charging statistics
The charging time and the charging power can be counted monthly and daily, and displayed in a bar graph.

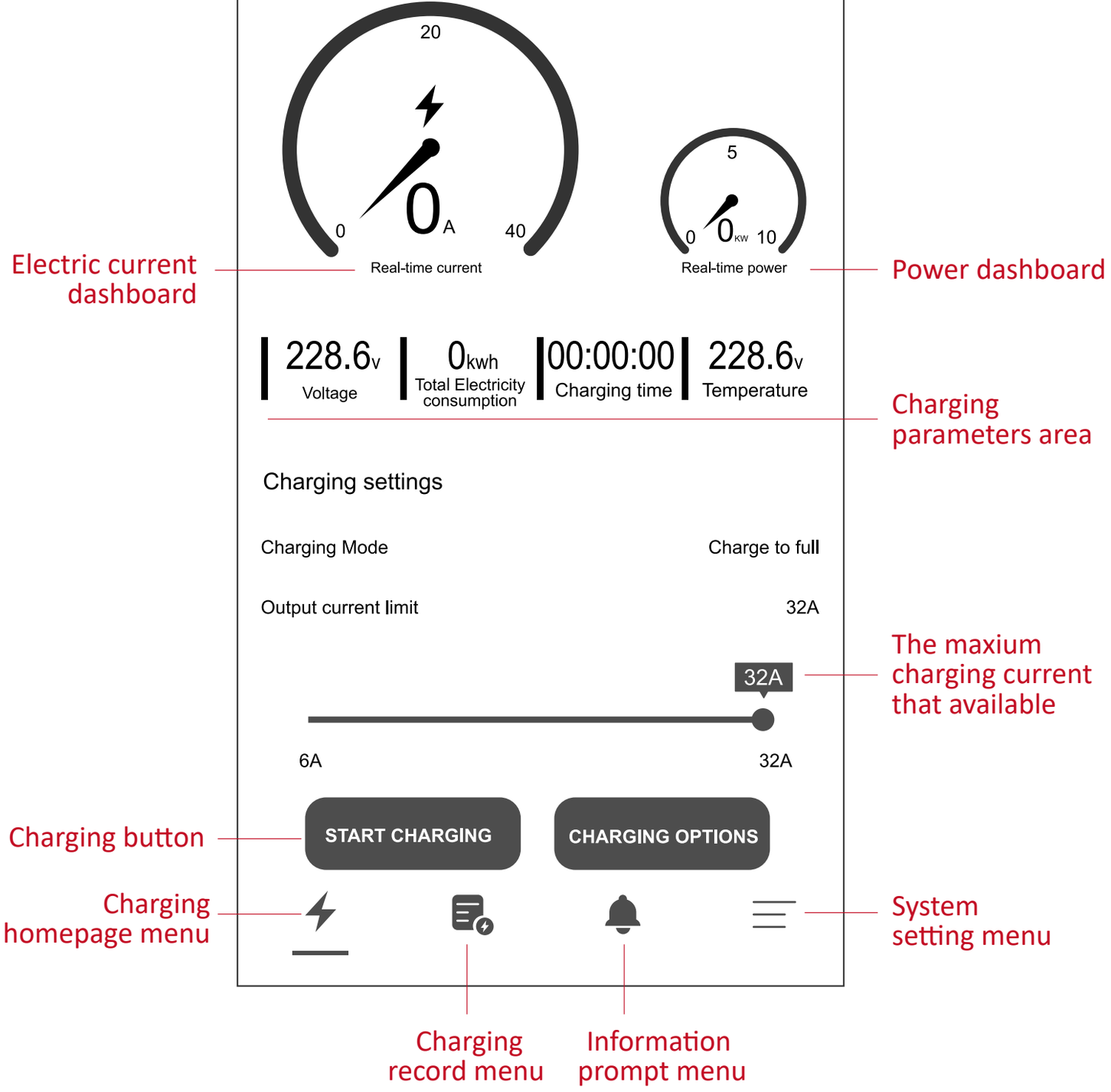
4. The record with a delete button
The record stored in the mobile APP will be deleted, while the record of the charging station will not be deleted.

5. Record synchronize button
When the mobile phone needs to synchronize the record of the charging station, you can press this button for the synchronization, which will take a certain amount of time.

6. Record derive button
Generating records into a file and deriving it to other software through sharing.

APP FUNCTION INTRODUCTION





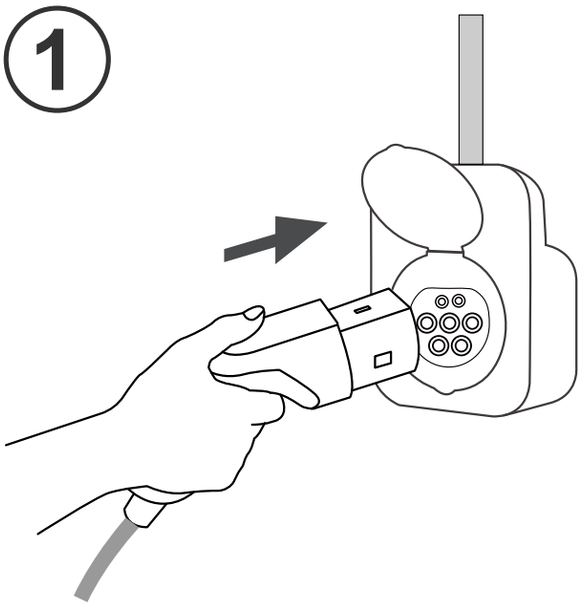
The charging parameter settings can be recorded in the APP, and the set data will be automatically used for each charging parameter.

The main 3 charging parameter settings include
1. Set delay charging
2. Set charging duration
3. Set the maximum charging power

INSTRUCTION FOR USE

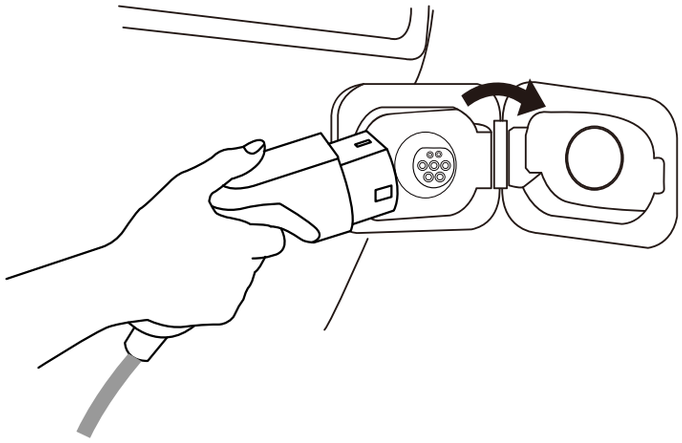
（MODE A）

①



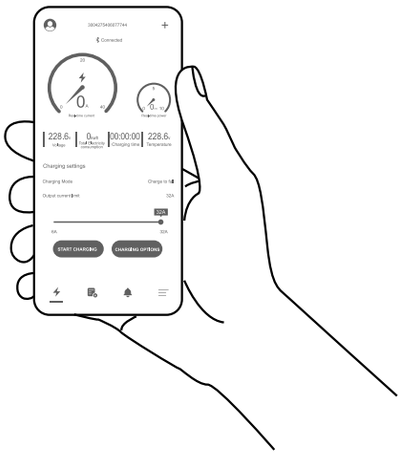
Plug into the socket

②



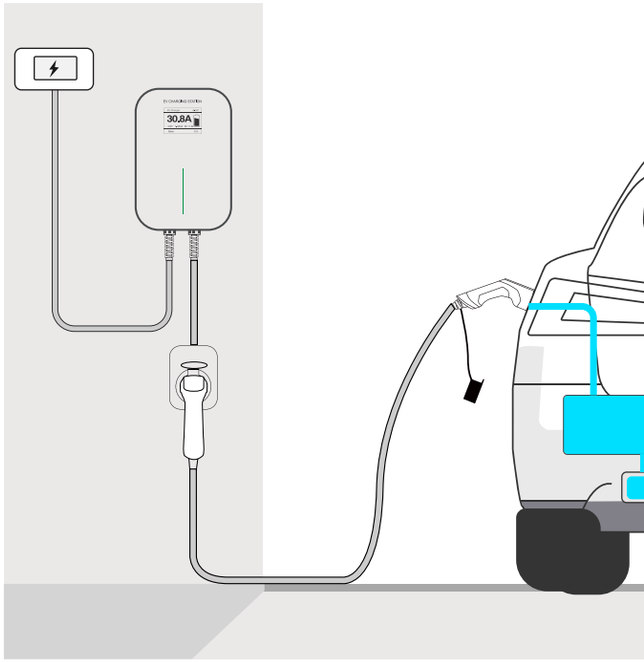
Plug into your EV

③



Press the button to start/stop charging

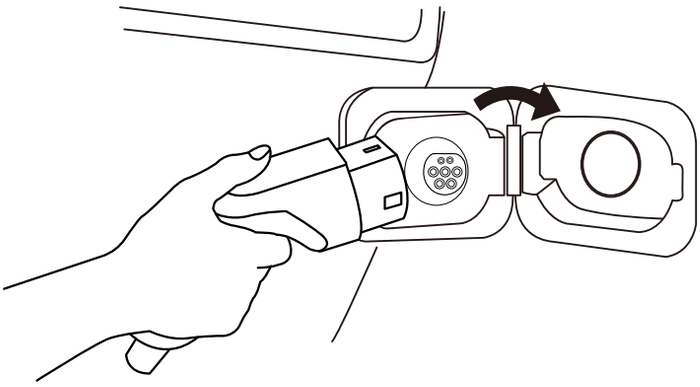
④



Enjoy the charging!

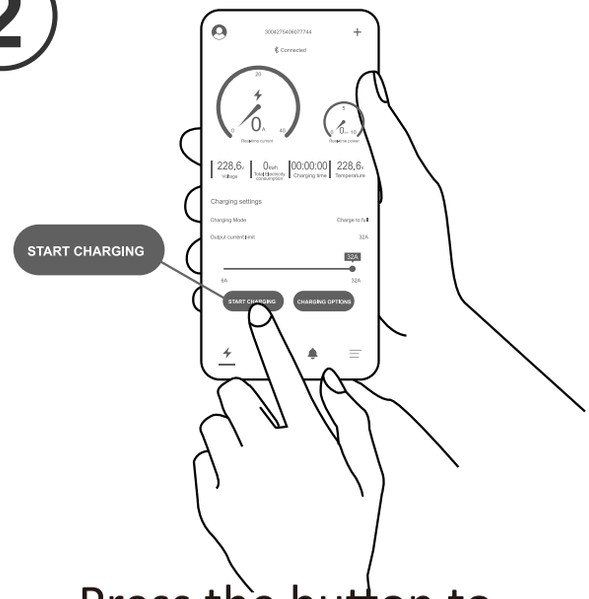
INSTRUCTION FOR USE
（MODE C）

1



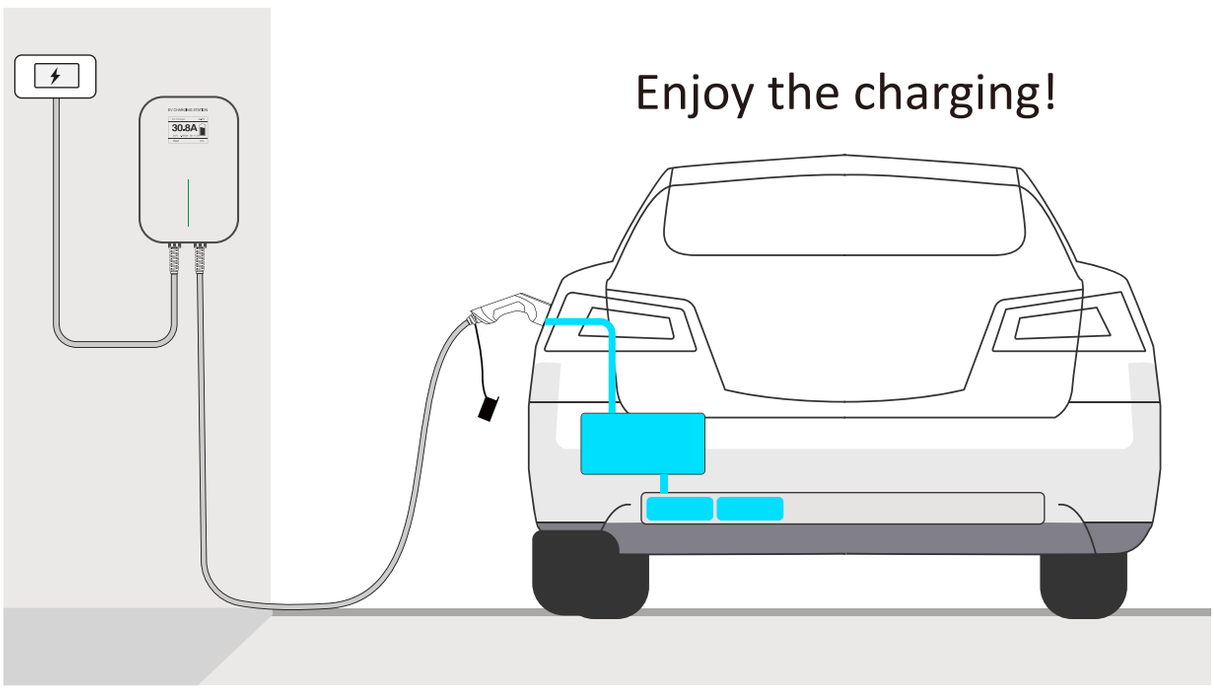
Plug into your EV

2



Press the button to start/stop charging

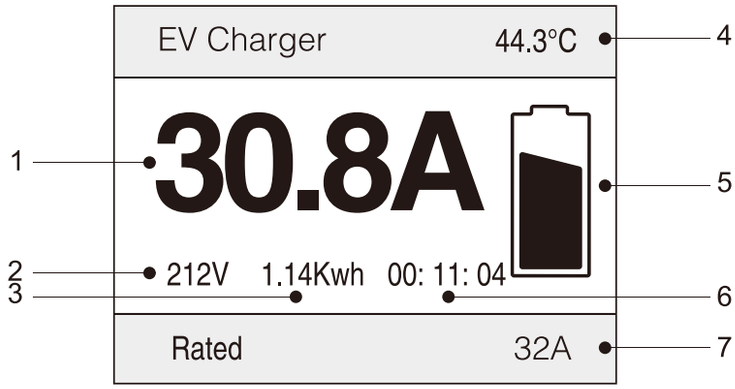
3



Enjoy the charging!

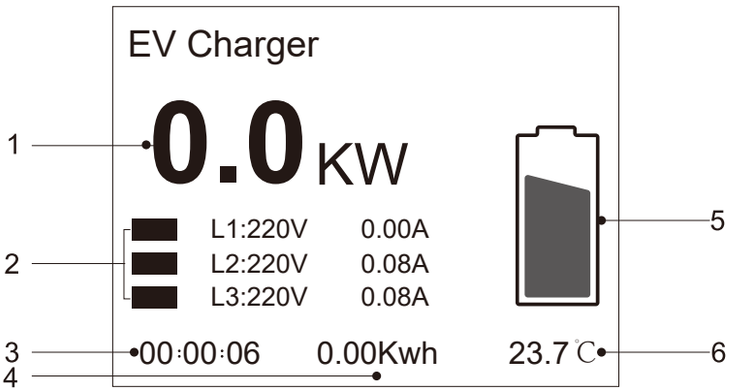
ILLUSTRATION OF SCREEN

SINGLE PHASE



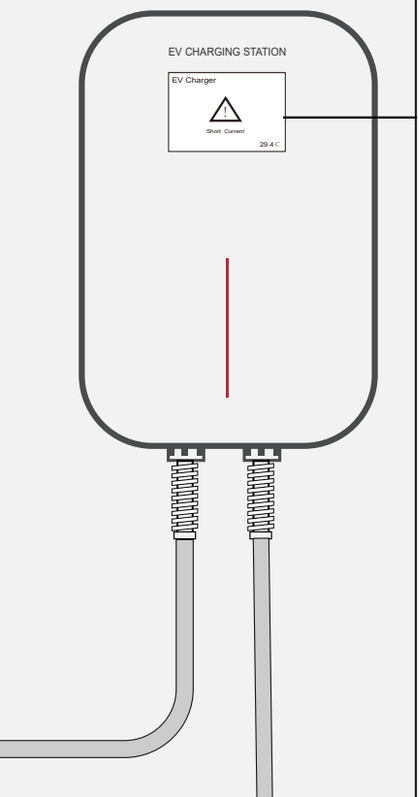
1.Real-time current
2.Real-time voltage
3.Kwh charged
4.Unit Temperature
5.Charging animation
6.Charging session duration
7.Rated current

THREE PHASE



1.Real-time effect in KW
2.Voltage and current of each phase
3.Charging session duration
4.Kwh charged
5.Charging animation
6.Unit Temperature

FAILURE DESCRIPTION

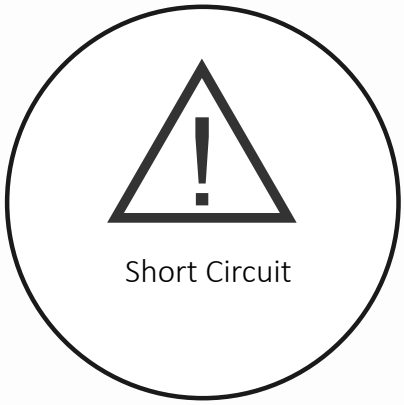


Leakage Protection

1.Check whether there are any foreign objects or water in the charging plug or vehicle socket.
2.Unplug and reconnect. If the fault persists, please check the entire charging circuit before trying again.
If the problem remains after multiple attempts, please stop using the charger and contact the after-sales personnel.

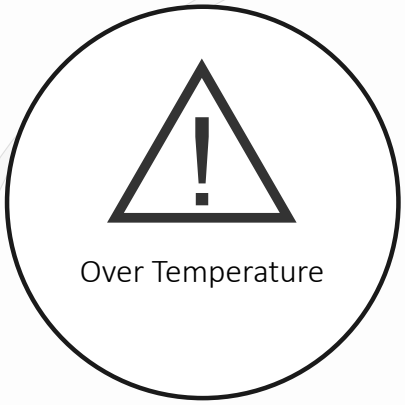
Over Current

1. Check the selected power. Try again with higher current and restart.
2. If the above operation does not work, try to charge your vehicle with another AC charger. If your vehicle works well, please stop using the charger and contact the after-sales personnel.



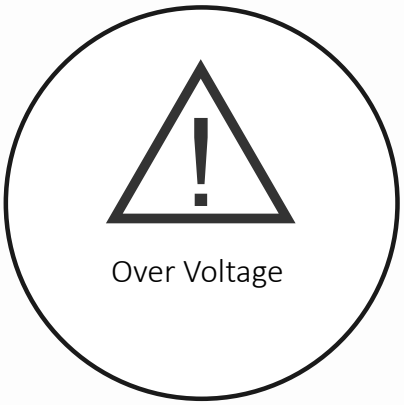
Short Circuit

1. Check the selected power. Try again with higher current and restart.
2. If the above operation does not work, try to charge your vehicle with another AC charger. If your vehicle works well, please stop using this charger and contact the after-sales service for help.



Over Temperature

1.The current ambient temperature is too high, so the charger stops to keep you safe.
2.Charging will restart automatically when the temperature returns to appropriate range.



Over Voltage

1. Measure the input voltage to see if the current voltage is too high.
2. Try to charge at another time.
3. Voltage stabilizer is recommended to use for safety if the voltage in your area is often unstable.

CP Error

Communication error between the vehicle and charger has occurred.
1. Unplug and reconnect. Make sure the plug is completely inserted.
2. If the above operation does not work, try to charge your vehicle with another AC charger. If your vehicle works well, please contact the after-sales personnel of the charger.

SECURITY WARNING

⚠ ATTENTION

Non-compliance with the operating instructions can cause serious consequences.
Manufacturer does not assume any liability for damage caused by disregarding operating instructions or other warnings marked on the device.
High voltage, fire hazard! Never use the device if the housing is damaged or opened!
This product is not suitable for people with limited mobility, sensory or psychological disabilities, and those who lack use experience or a certain degree of knowledge.

⚠ IMPORTANT SAFETY INSTRUCTIONS WARNING!

▲This product should only be installed, repaired or maintained by authorized electricians and in accordance with national guidelines for electrical installations. All applicable local, regional and national regulations for electrical installations must be respected.

▲Regularly check if the charger has visible damage. Do not use a damaged product.

▲Make sure that all safety facilities and connections are available, properly installed and undamaged at all times and are tested regularly to ensure they can operate normally.

▲Make sure that the input voltage, frequency, circuit breakers and other conditions of the device meet the specifications before the device is powered on. It's important to observe the maximum permissible charging current of the connection.

▲Before powering on the device, please confirm that the device is properly grounded to avoid unnecessary accidents. If a ground fault occurs, it is assumed that the cable carries voltage. Please make sure there is no high-voltage power in the system before inspecting the device.

▲Please insulate the unnecessarily exposed metal parts of all tools to prevent them from touching the metal frame, which may cause short circuit.

▲To ensure the service life and stable operation of the charging station, the operating environment should be kept as clean as possible with a relatively stable temperature and humidity. The charging station must not be used in flammable environment or environments with volatile gas.

▲Please keep the power cord away from the heated surface. Please do not put the power cord in the gap of the closed door or pull it out of sharp edges or corners.

▲Do not use the charger when the inside of the charging plug is wet.

▲Do not modify, retrofit, or change any part by yourself under any circumstances.

▲Please do not use this product as a toy. Pls. take good care of children to ensure that they will not play with this device as a toy nor put fingers into the charging connector when the power plug is still connected.

▲The circuit to which the charger is to be connected must be equipped with a residual current circuit breaker.

⚠ Note

Please do not use it for other purposes except electric car charging.
Do not try to disassemble the device by yourself under any circumstances. Otherwise, the internal precision parts may be damaged, and you will not be able to apply after-sales service.

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Updated Date: June 15th, 2021