EG-DC-DD(X)

User Manual

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1.1 Safety Notice

1. Charging operations should be carried out in accordance with the operating instructions provided by our company;

2. Non professionals are strictly prohibited from opening the charging station cabinet at will; Do not disassemble or assemble without authorization;

3. When stopping midway, manually click the button to stop the machine first, and then unplug the charging gun;

4. It is strictly prohibited to directly plug and unplug the charging gun head during the charging process, otherwise it will burn out the charging gun head and charging station;

5. During the charging process, any operation unrelated to charging is prohibited. The charging station button must be clicked to stop the machine and other operations can only be carried out when the charging gun head is disconnected from the car;

6. Avoid open flames near the charging station and pay attention to ventilation;

7. Fuses must be replaced with products of the same model and cannot be replaced with copper or iron wire;

8. There is high voltage inside the charging station. If there is a malfunction, it should be repaired by professional personnel to avoid danger;

9. The higher-level circuit breakers and distribution components of the charging station must be selected, installed, and operated by professional electrical personnel;

10. In severe weather conditions such as thunderstorms, it is recommended to disconnect the power supply. If there is water accumulation at the charging station, contact the manufacturer's personnel to handle it before continuing to use it.

11. The unit weight of the charging gun cable is relatively large, and long wires are prone to dragging and being subjected to forces during actual charging, which is not conducive to releasing twisting forces and increases the risk of cable twisting and bulging, affecting the product's service life. Therefore, it is prohibited to forcefully pull or twist the charging cable. When charging, the charging gun cable must be straightened and not twisted to put force on the charging gun holder during use.

12. When inserting and removing the charging gun, it is strictly prohibited to shake it left or right. It must be inserted and removed vertically with force.

13. If the following situations occur, please turn off the power in a timely manner and notify professional personnel for repair:

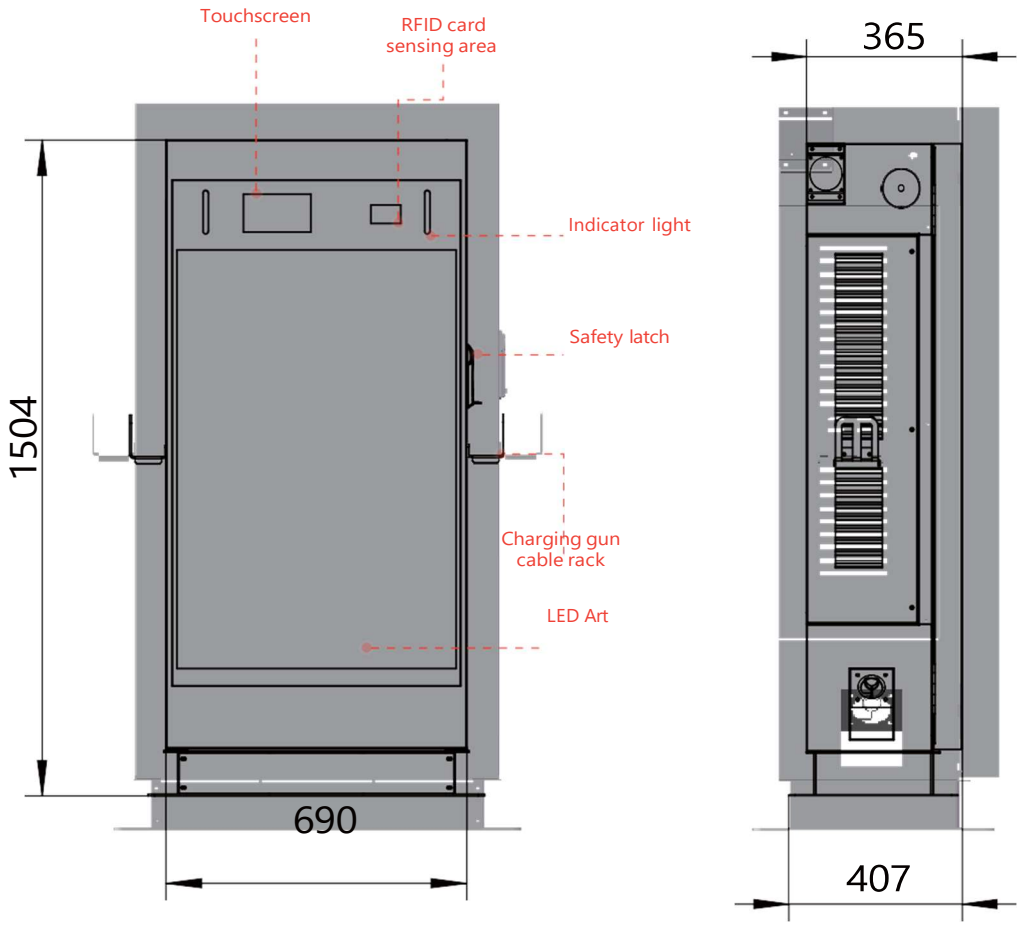
- There is abnormal noise inside the charging station;
- There is an odor or smoke inside the charging station;
- The charging station display screen has no display or response;
- An irreparable fault alarm occurs at the charging station;

Attention: Before powering on, please ensure that the equipment casing is effectively connected to the ground, otherwise there is a risk of electric shock!

Symbol	Meaning
	Warning sign: Indicates the presence of danger. Attention should be paid to the possibility of personal injury caused by improper operation steps, methods, or execution errors; Subsequent operations can only be carried out after fully understanding and meeting the conditions indicated by the "warning" sign.
	Attention sign: Indicates the presence of danger. Please operate with caution to avoid product damage or malfunction caused by improper use; Subsequent operations can only be carried out after fully understanding and meeting the conditions specified by the "Attention" sign.
	Tip symbol: Indicates operational skills or useful information. The content marked with "tips" is technical or practical information, and does not involve warning instructions for dangerous or harmful characteristics.
	The "non recyclable" label indicates that the electronic and electrical equipment and accessories should be treated separately from ordinary household waste. When scrapped, it must be disposed of as industrial waste, otherwise it may cause accidents.

Our company is committed to continuous improvement and updates of our products, with hardware and software constantly being upgraded. Related changes will not be notified separately, please refer to the latest version.

12 Product Appearance Unit: mm



1.3 GB/T Specifications

*Products are constantly innovating, and specifications are subject to change without notice.
Please refer to the actual situation, and the data in this table is for reference only.

Model		EG-DC-DD(X)		
Electrical Parameters	Power	40kW	60kW	80kW
	Input Voltage	AC 380V±15%		
	Output Voltage	150-1000VDC		
	Input Current	0-63A	0-105A	0-130A
	Output Current	0-133A	0-200A	
	Power Grid Standard	3P+N+PE		
	Rated Current Of Gun Line	≤125A	≤250A	
Environmental Parameters	Operating Temperature	-40°C~75°C （Frequency reduction above 55°C）		
	Humidity	5%~95%RH（No Condensation）		
	Altitude	≤2000m		
	Frequency	50~60Hz		
Structural Parameters	Protection Level	IP55		
	Muzzle Standard	GB/T		
	Housing Size	690*1504*365 mm（Without the end components）		
	Package Size	1043*1725*520 mm		
	Package Weight	-	221kg	237 kg
	Incoming Line Length	0 m（Customization Available）		
	Length Of Gun Line	5 m（Customization Available）		
	Charging Protocol	GBT27930 / CHADEMO 2.0 / DIN 70121 OCPP 1.6(JSON) / ISO 15118		
	Touch Screen Size	7 inch		
	Charging Mode	Swipe、APP、OCPP、Load balancing (Optional Feature)		
	Network Connection	Standard Configuration：CAN/485/LAN；Optional Feature：GPRS/4G		
	LED Art Size	640*960 mm		

1.4 CCS2 Specifications

*Products are constantly innovating, and specifications are subject to change without notice.
Please refer to the actual situation, and the data in this table is for reference only.

Model		EG-DC-DD(X)		
Electrical Parameters	Power	40kW	60kW	80kW
	Input Voltage	AC 380V±15%		
	Output Voltage	150-1000VDC		
	Input Current	0-63A	0-105A	0-130A
	Output Current	0-133A	0-200A	
	Power Grid Standard	3P+N+PE		
	Rated Current Of Gun Line	≤125A	≤250A	
Environmental Parameters	Operating Temperature	-40°C~75°C （Frequency reduction above 55°C）		
	Humidity	5%~95%RH（No Condensation）		
	Altitude	≤2000m		
	Frequency	50~60Hz		
Structural Parameters	Protection Level	IP55		
	Muzzle Standard	CCS2		
	Housing Size	690*1504*365 mm（Without the end components）		
	Package Size	1043*1725*520 mm		
	Package Weight	195.2 kg	212 kg	296 kg
	Incoming Line Length	0 m（Customization Available）		
	Length Of Gun Line	5 m（Customization Available）		
	Charging Protocol	GBT27930 / CHADEMO 2.0 / DIN 70121 OCPP 1.6(JSON) / ISO 15118		
	Touch Screen Size	7 inch		
	Charging Mode	Swipe、APP、OCPP、Load balancing (Optional Feature)		
	Network Connection	Standard Configuration：CAN/485/LAN；Optional Feature：GPRS/4G		
	LED Art Size	640*960 mm		

1.5 CCS1 Specifications

*Products are constantly innovating, and specifications are subject to change without notice.
Please refer to the actual situation, and the data in this table is for reference only.

Model		EG-DC-DD(X)		
Electrical Parameters	Power	40kW	60kW	80kW
	Input Voltage	AC 380V±15%		
	Output Voltage	150-1000VDC		
	Input Current	0-63A	0-105A	0-130A
	Output Current	0-133A	0-200A	
	Power Grid Standard	3P+N+PE		
	Rated Current Of Gun Line	≤125A	≤250A	
Environmental Parameters	Operating Temperature	-40°C~75°C （Frequency reduction above 55°C）		
	Humidity	5%~95%RH（No Condensation）		
	Altitude	≤2000m		
	Frequency	50~60Hz		
Structural Parameters	Protection Level	IP55		
	Muzzle Standard	CCS1		
	Housing Size	690*1504*365 mm（Without the end components）		
	Package Size	1043*1725*520 mm		
	Package Weight	195.2 kg	-	245.4 kg
	Incoming Line Length	0 m（Customization Available）		
	Length Of Gun Line	5 m（Customization Available）		
	Charging Protocol	GBT27930 / CHADEMO 2.0 / DIN 70121 OCPP 1.6(JSON) / ISO 15118		
	Touch Screen Size	7 inch		
	Charging Mode	Swipe、APP、OCPP、Load balancing (Optional Feature)		
	Network Connection	Standard Configuration：CAN/485/LAN；Optional Feature：GPRS/4G		
	LED Art Size	640*960 mm		

1.6 Installation inspection

1、Installation Instructions

The charging equipment contains high voltage and high current. To ensure personal safety, the following regulations must always be observed:

(1) Only personnel trained in charging equipment and proficient in DC charger operation may install this device.All safety precautions and local regulations must be strictly followed during installation;

(2) Do not perform internal operations or maintenance during thunderstorms or in humid conditions to avoid electric shock;

(3) Before working inside the charger, ensure the equipment is de-energized;

(4) The charger cabinet is equipped with a lock, and the key must be kept by the designated charger supervisor.

2、Installation preparation

(1) Open box inspection

When inspecting the goods, open the packaging, check the packing list, verify the correctness and completeness of the equipment against the packing list, and check whether the items are damaged.

Number	Name	Quantity	Note
1	DC EV CHARGER	1	The contents listed in this list refer to the equipment and materials included in the packaging box Some models do not come with IC cards and keys, please refer to the actual situation.
2	Factory report (certificate of conformity)	1	
3	User Manual	1	
4	IC Card	3（If have）	
5	Key	2/4（If have）	
6	expansion screw	4/6（If have）	

(2) Prepare cables(The following parameters are only for reference in GB/T or CCS2)

The selection of cables should comply with relevant regulations in the electrical industry.

It is recommended to use YJV type cables for incoming cables, which should have a temperature resistance level of at least -40 °C~90 °C.

Please refer to the table below to determine the cable. The cable selection in the table is a wall mounted single gun DC GB/T charging pile. Please refer to the professional construction qualification unit for specific judgment.

Model	Input Current	Incoming Circuit Breaker	Specification Of Incoming Cable
40kW	about 63A	NXBLE-125 4P/100A	≥5*16mm²
60kW	about 105A	NXBLE-125 4P/100A	≥3*25+2*16mm²/3*35+2*16mm²
80kW	about 130A	NXMLE-250H 4P/160A	≥3*50+2*25mm²
120kW	about 205A	NXMLE-400H 4P/315A	≥3*95+2*50mm²
160kW	about 270A	NXMLE-400H 4P/400A	≥3*120+2*70mm²
180kW	about 310A	NXMLE-400H 4P/400A	≥3*150+2*70mm²
240kW	about 410A	NXMLE-630H 4P/630A	≥3*240+2*120mm²

(3) Prepare tools

The tools required for installing the charger are listed in the table below. Insulation and anti-static treatment should be done before using the tools.

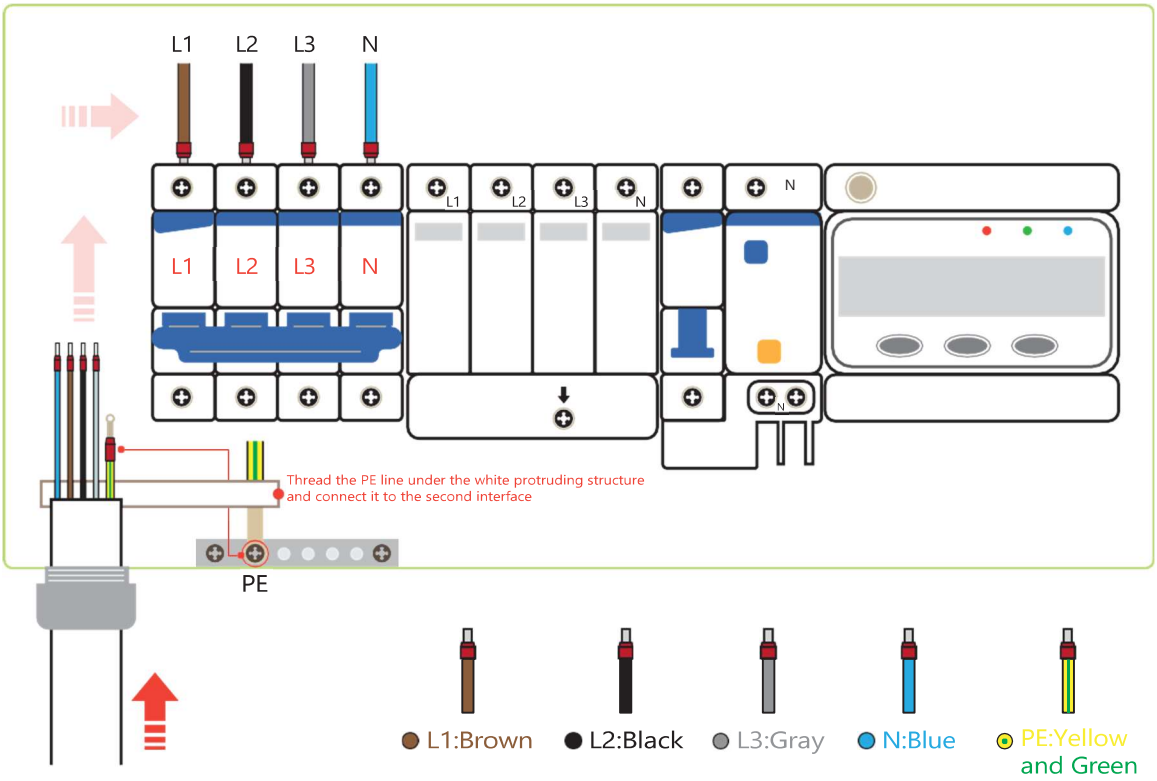
Adjustable wrench	sleeve
steel tape measure	Screwdriver (cross, straight)
Electrician's knife	Elastic pad, flat pad
Cable cutting pliers	Hydraulic crimping pliers
Power socket strip	Multimeter
Percussion drill	M7 expansion screw

3. Electrical installation

(1) Connect grounding and input cables

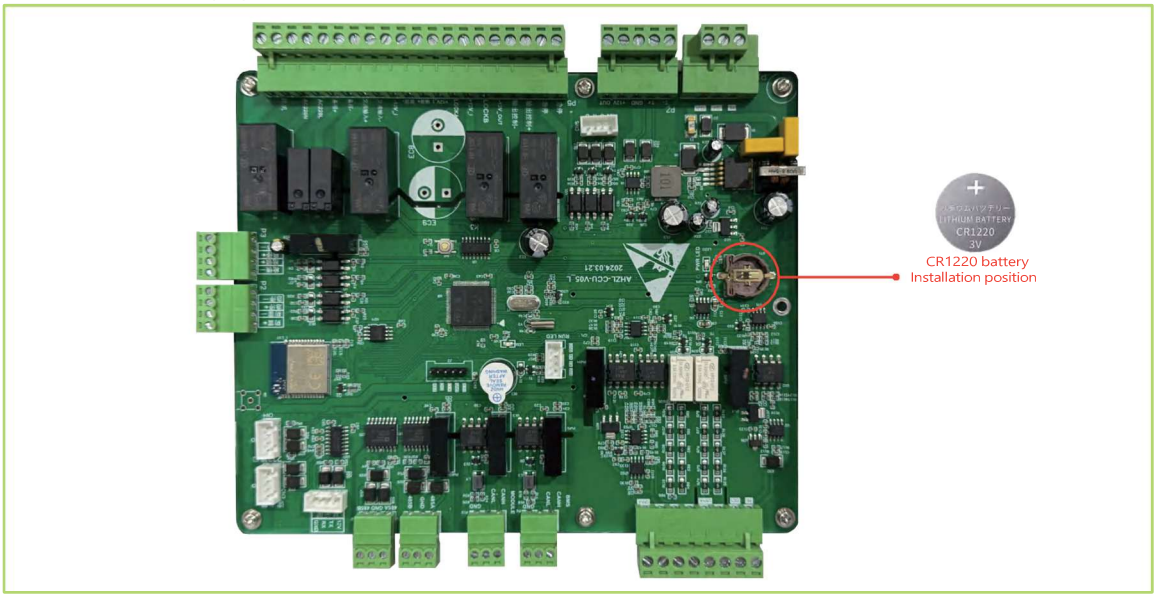
Open the cabinet door; Thread the grounding cable through the protective sleeve on the cabinet bottom plate and securely connect one end of the grounding cable to the grounding copper bar.

Connect the input cables and place all switches in the disconnected position before electrical connection. The installation of input cables can only be carried out by qualified personnel. Please note that it is strictly prohibited to reverse the input (N) and (PE), otherwise it may damage the charging device.



4. Battery installation

A single gun DC charging station with CR1220 battery needs to be purchased by oneself, and the installation location is shown in the following figure:



For example only

5. Installation inspection

After the installation of the charger is completed, the following installation checks need to be carried out:

(1) External visual examination

·Check whether the cabinet installation is horizontal, vertical, and stable;

·Check if all bolts are tightened (especially pay attention to electrical connections), if flat and spring washers are complete, and if they are installed in reverse;

·Check if there are any unnecessary materials inside the equipment and remove all excess materials;

·Check whether the cabinet is damaged or has paint peeling. If there is paint peeling, the peeling part needs to be immediately repaired with anti rust paint to prevent corrosion;

·Clean the cabinet;

·Check whether the cabinet door opens and closes flexibly, and whether the door lock is normal;

·Check if the charging gun head can be easily plugged in and out;

·Check if the lower air inlet filters on both sides inside the cabinet are functioning properly

(2) Electrical inspection

·Check whether all air switches and cable models and specifications of the charger are correct;

·Check whether all cable connections are firm and reliable;

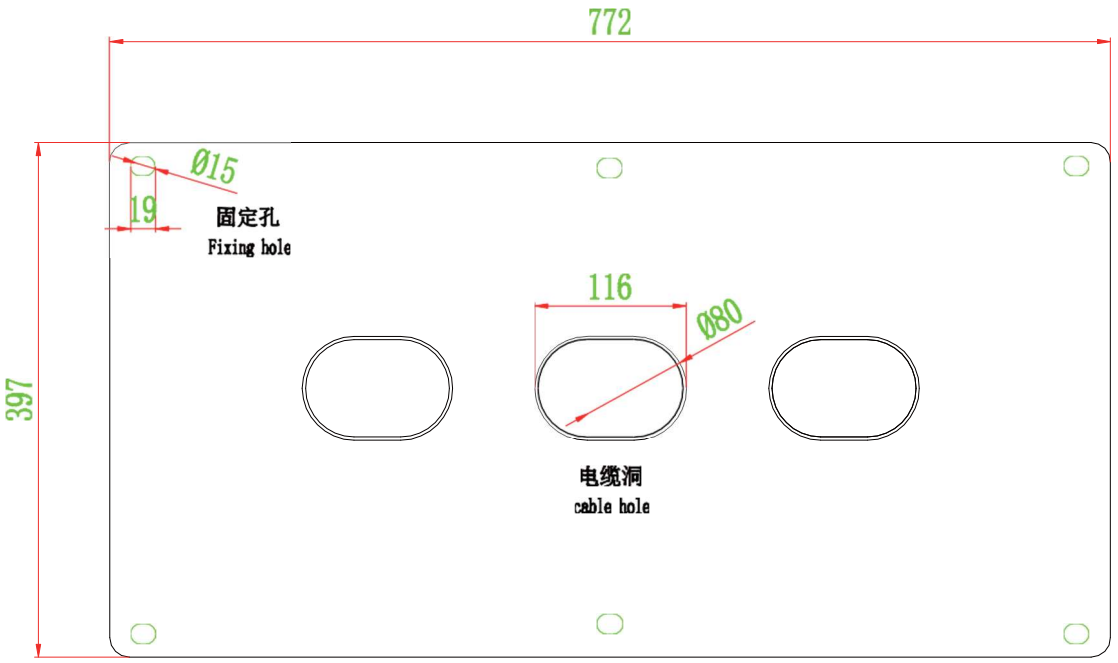
·Check the introduction and distribution of communication: Check whether the color of the communication wires is standardized, whether the original wiring of the equipment is fastened, and whether the safety signs of the communication distribution part are complete;

·Check whether the air switch of the lightning arrester is reliably closed and whether the other switches are in the off position.

·Check whether the wiring is neat and whether the cable binding complies with the process specifications.

6、Installation Diagram（unit：mm）

*Please refer to the actual on-site installation conditions. This diagram is for reference only.



Notes:

1. Pre-installation of conduits should be done in advance (conduits can be made of PVC or SC material with a diameter of Φ80).

2. When wiring, three wires should be laid, namely the red live wire, the blue neutral wire, and the yellow-green ground wire.

3. The neutral and live wires should be connected to the output terminals of the leakage protection switch of the equipment, and the ground wire should be connected to the grounding port.

4. If the installation site is a hardened concrete floor, there is no need to excavate the ground and pour concrete. Instead, expansion screws can be used for fixation directly.

21 Operation of charging stations

Before operation, please carefully check and ensure the following items:

· The installation position of the charging station is convenient for operation and maintenance;

· The charging station and its accessories are correctly connected and firmly installed;

· The phase sequence of the AC incoming line is correct and firmly connected to the charging circuit breaker;

· The selection and installation of the leakage protection circuit breaker for the AC incoming line are reasonable;

· The related accessories of the charging station are complete, and the charging gun is in the raised state.

22 Power on the equipment

After all the pre-operation checks are found to meet the requirements, close the power inlet leakage protection circuit breaker. After powering on, observe the status of the LED indicator lights:

· Normal standby: The green light is constantly on;

· Plug-in state: The green light is constantly on;

· Charging state: The blue light flashes;

· Equipment failure: The red light is constantly on.

3.1 Main interface

On the main interface screen of the dual-gun DC charging station, on the left side is a charging gun and a gun lock button, and on the right side are four function menu buttons: "Record Query", "Card Settlement", "Rate Inquiry", and "Equipment Query".

3.1.1 Record query

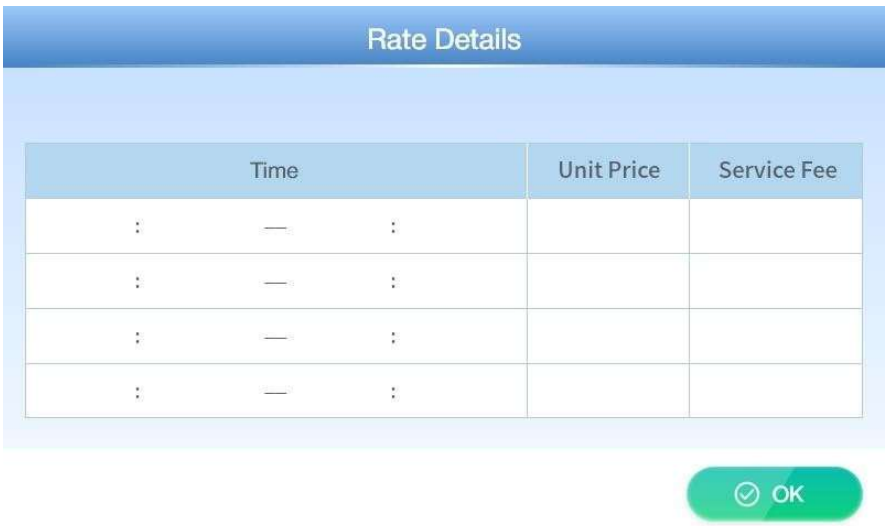
Click on【Record Query】to enter the "Record Information" interface, where you can view the charging records, including information such as NO., Battery SOC, Card Balance, Status, Transaction NO., Electricity, Stop reason, Card number, Charging mode, Interface NO., Cost, Vehicle VIN, etc. Use the buttons "Last Ten", "Last Ten", "Next", and "Back" to navigate and view the records.

3.1.2 Card Settlement

Click on【Card Settlement】to enter the Electricity Card Settlement and Inquiry interface. Then, enter the card swiping interface. Place the charging card in the swiping slot, and the card number, card balance, and settlement status of the charging card will be read and displayed. When the charging is completed but the settlement has not been made yet, please place the card in the swiping slot and click the bottom right corner "Card Settlement". A prompt will appear saying "Swipe card settlement successful!" 。

3.1.3 Rate Enquiry

Click on "Rate Enquiry", then enter the "Rate Details" interface to view the unit prices and service fees for each period when charging by swiping the card in the "Single Machine Mode". After charging is completed, swipe the card for settlement. The amount of the charging card will be deducted according to the corresponding period and rate. Parameters can be set in the "Rate Setting" section of the system.



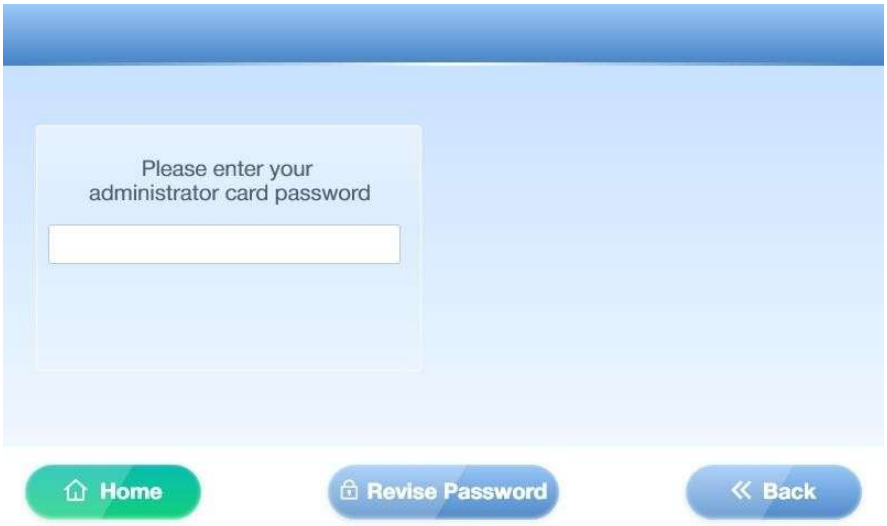
3.1.4 Equipment Inquiry

Click on "Device Query" to enter the device information interface. Here you can check the operating status of the charging pile, which is convenient for quickly locating any operational faults of the charging pile. The third page contains information about the charging module, including the module address, module temperature, status, AB line voltage, etc.

32 System Settings Interface

321 Administrator Entrance

In the upper right corner of the main screen, click three times consecutively to enter the administrator access. Enter the administrator password, then click to enter the system settings interface. Click [Modify Password] to modify the administrator password.



322 Introduction to System Settings

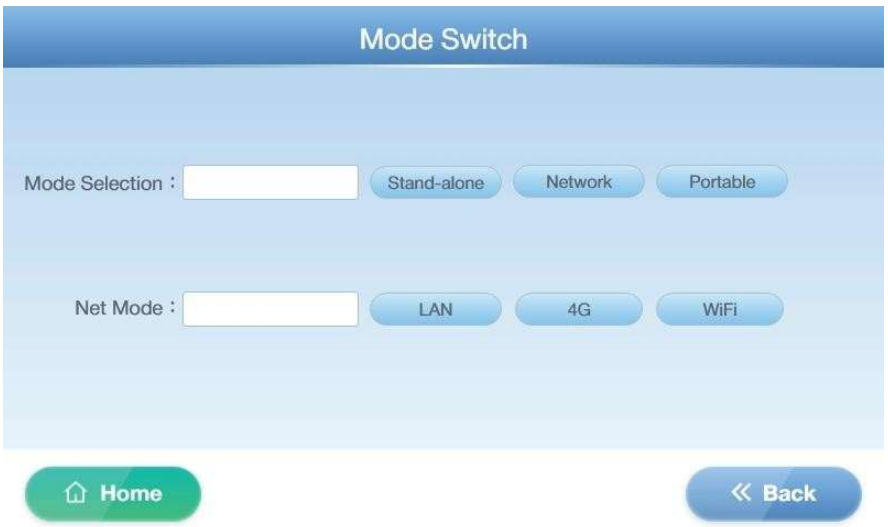
At the administrator entrance, enter the password to access the system settings interface, where you can view and configure all the functions of the charging piles. The function menu includes "Mode Switching", "System Configuration", "Card Management", "Rate Setting", "Device Upgrade", "Hardware Testing", "Network Settings", and "Help".

3221 Mode Switching

Click on the "Mode Switching" function menu to enter the mode switching interface and view, modify relevant parameters:

Mode Selection: Based on the application scenario, select different charging modes. Currently, there are three charging modes: independent, network (select this mode when connecting to the OCPP platform and with optional functions), portable mode.

Network Mode: Local network, 4G, WiFi (after selecting the network, choose according to the connection method to the OCPP platform).



3222 System configuration

Click on the "System Configuration" function menu to enter the system configuration interface:

1) On the first page of system configuration, view and modify relevant parameters:

Set QR code: For some OCPP platforms, after the charging station successfully connects, the platform will generate the identification code for this charging station. When filling in this identification code, the QR code on the main interface is both the identification code information and is used for scanning with the APP for charging;

Pile Number： Enter the charging station's number (When connecting to OCPP, you need to add the charging station ID and other related information on the OCPP platform, and then it can be used normally)；

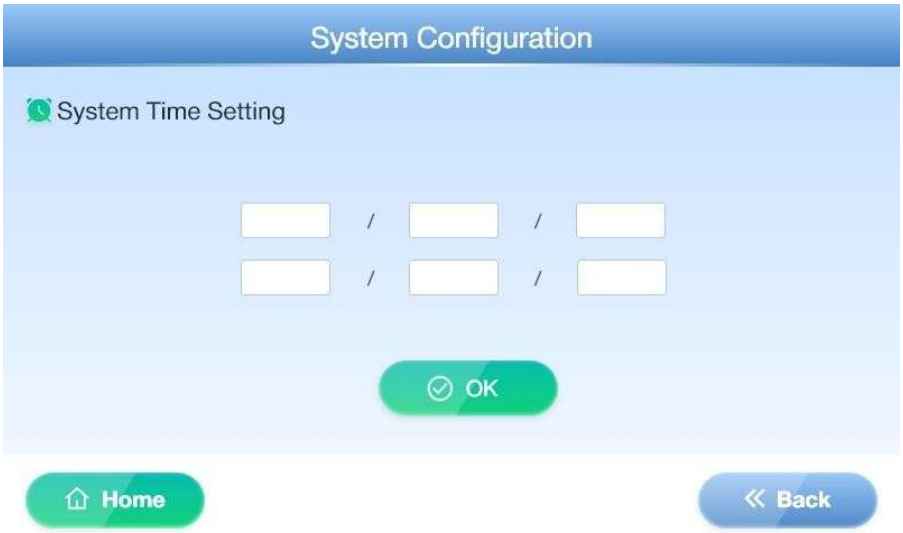
Rated Power	40kW	60kW	80kW
Set QR Code	Set according to the requirments		
Pile Number			
Overroltage threshold	1010V		
Maximum Output Current	125A	200A	
Overcurrent Threshold	260A		
Maximum output porer	40kW	60kW	80kW
SOC Threshold	100%		
Load Balancing	There is no load balancing function. Please do not modify the default values		

Table 1

Maximum output voltage： Fill in according to the voltage of the charging station module. The default value is 1010V；

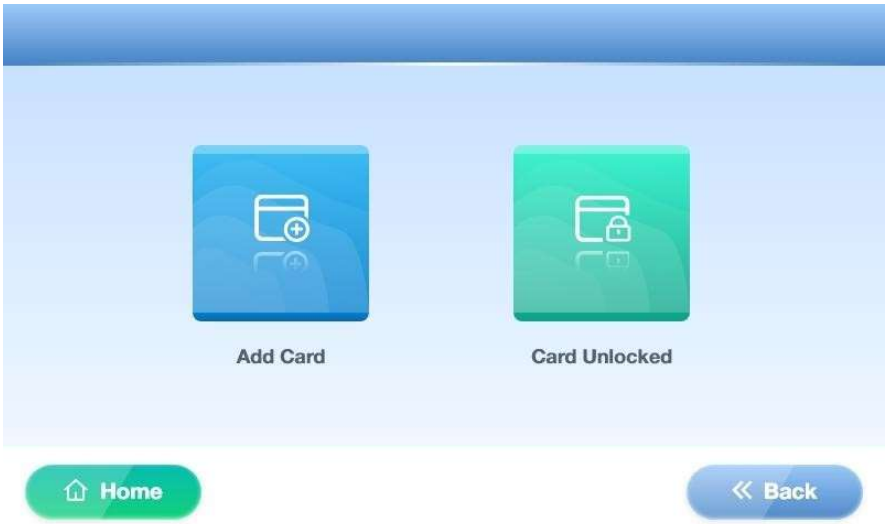
Maximum output current： Fill in according to the current of the charging station module or the rated current of the gun line. Please set the parameters according to Table 1；

2) Click the "Next" button to navigate to the second page of the system configuration. Modify the system time. The top row shows the year, month, and day, while the bottom row shows the hour, minute, and second. Fill in the correct time in the input boxes, and finally click the "OK" button to save the time settings.



323 Card Management

Click on the "Card Management" function menu to enter the card management interface. The main functions include adding cards and unlocking cards.

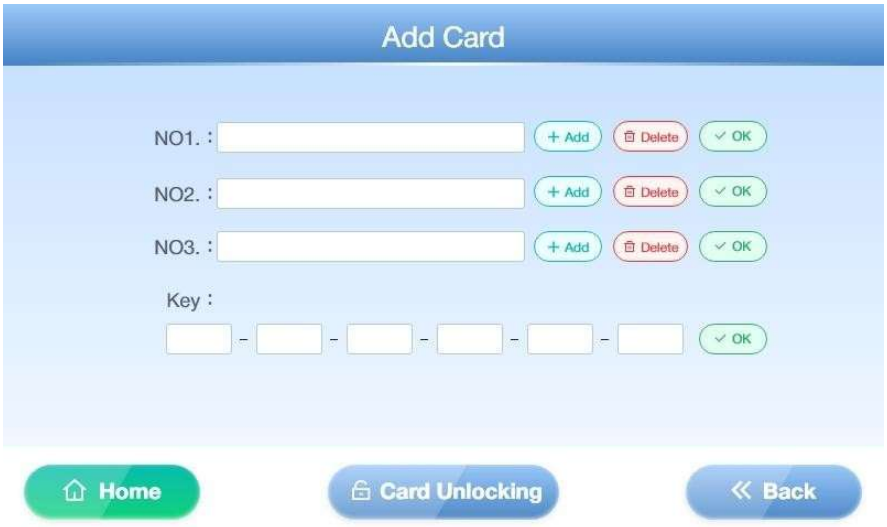


1) Add Card

Click the "Add Card" function button to enter the card addition interface and view, modify relevant parameters.

NO1.: Place the charging card in the card reader slot, click the " + Add" button on the right, and the card number of this card will be displayed on the left. Click the OK button, then the card binding is successful (up to three charging cards can be bound). This card binding only takes effect in the independent charging mode. If the card is already bound, only the bound charging card can be used for cardless charging.

Key: The default is 17 (all 6 input boxes are 17), the Key is the same as the provided charging card. If you need to modify the Key (for example, I electric carshan needs to modify it to the same Key by using a professional card-making tool), after modification, click the OK button and restart the charging station. When no card is bound, charging cards with the same Key in the independent mode can be used for cardless charging.



324 Rate Setting

Click on the "Rate Setting" function menu to enter the Rate Setting interface.

1) Modify "Monetary Unit" (enter the standard currency code in uppercase letters and restart the charging station power supply), "Time", "Unit Price", "Service Fee", click the "OK" button to save (if both "Unit Price" and "Service Fee" are 0, then charging is free).

325 System Upgrade

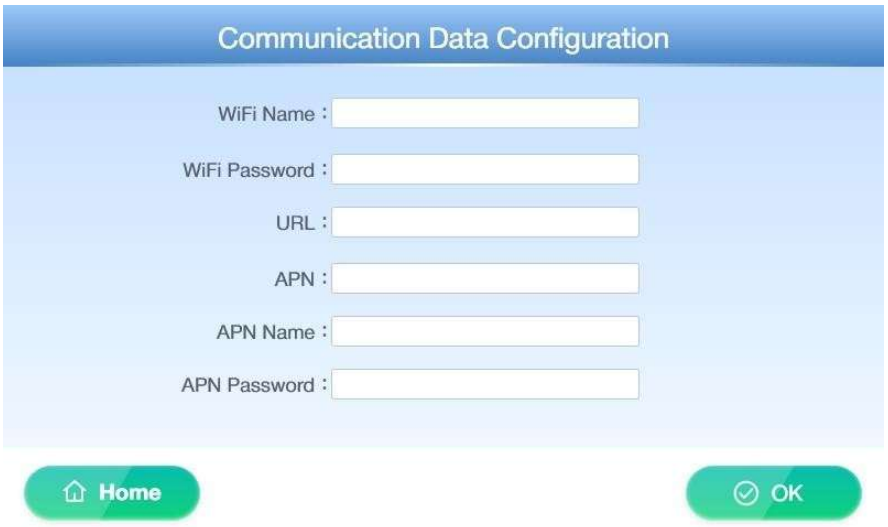
Click on the "System upgrade" function menu to enter the System upgrade interface. Save the motherboard program to the USB drive, then insert the USB drive into the USB interface of the charging station motherboard. Click the "Start upgrade" button. The upgrade process will be completed in approximately 30 seconds. Restart the charging station and check all the parameters of the charging station.

3.2.6 Hardware Test

Click on the "Hardware Test" function menu to enter the "Hardware Status Test" interface. In the unloaded state, click "Start Testing". If all the hardware statuses are marked as "1", it indicates that everything is normal.

3.2.7 Network Settings

In the network mode, click the "Network Settings" function menu to enter the communication data configuration interface. View and modify parameters such as WiFi, URL, APN, etc. Connect to the OCPP platform. On this page, you need to enter the URL in the format of ws://... or wss://... It cannot end with "/" or "pavilion number".



3.2.8 Help

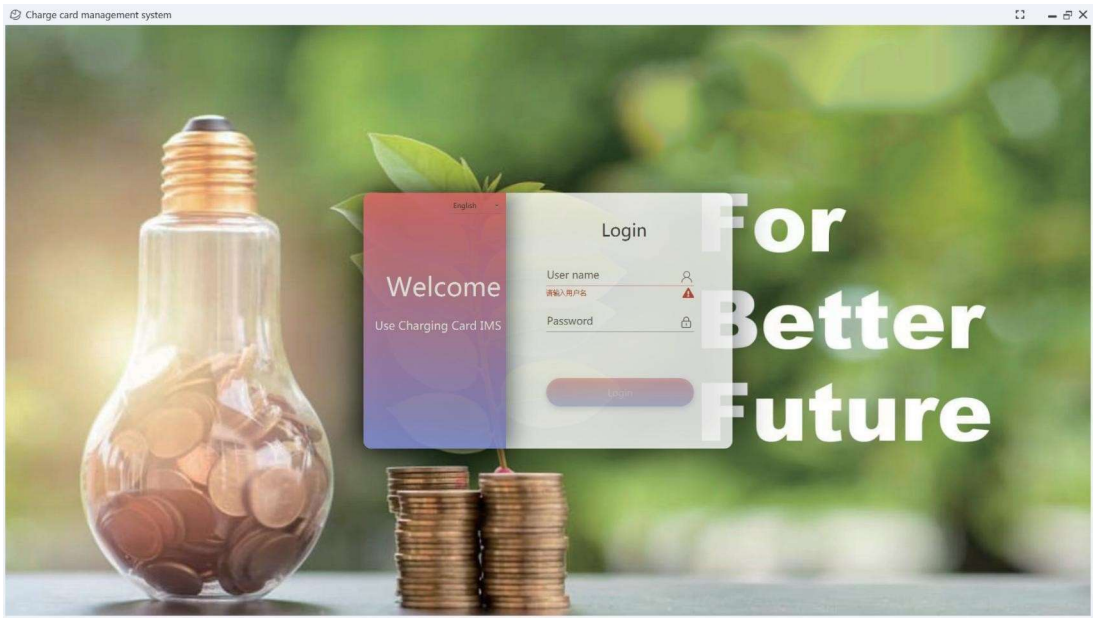
Click on the "Help" function menu to enter the Help interface. The main functions include "Matters Needing Attention", "Operation Instructions", "Common Problems and Solutions". Click on the corresponding function button to display the relevant main content.

3.3 Regarding card production

Our company has professional card-making software and card readers. You can view and set the recharge card through the card-making tool. The function menu of the card-making software includes Card key, Make card, Card issuance, Top up, User management, Card issuance record, Recharge record, etc.

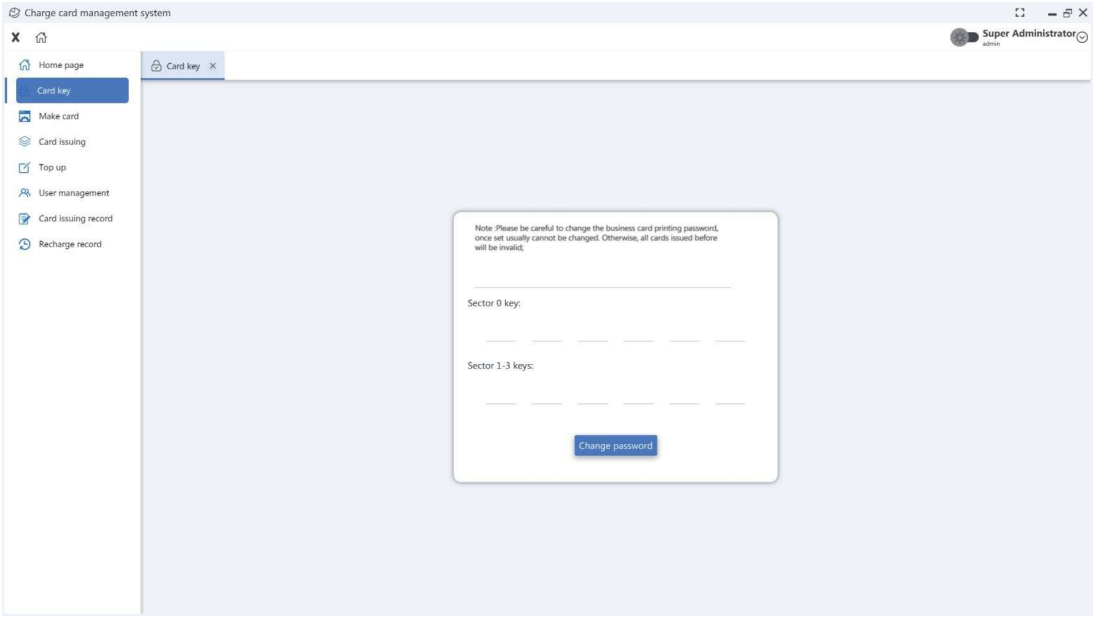
A. Login interface

Enter the correct username and password to log in to the card-making software.



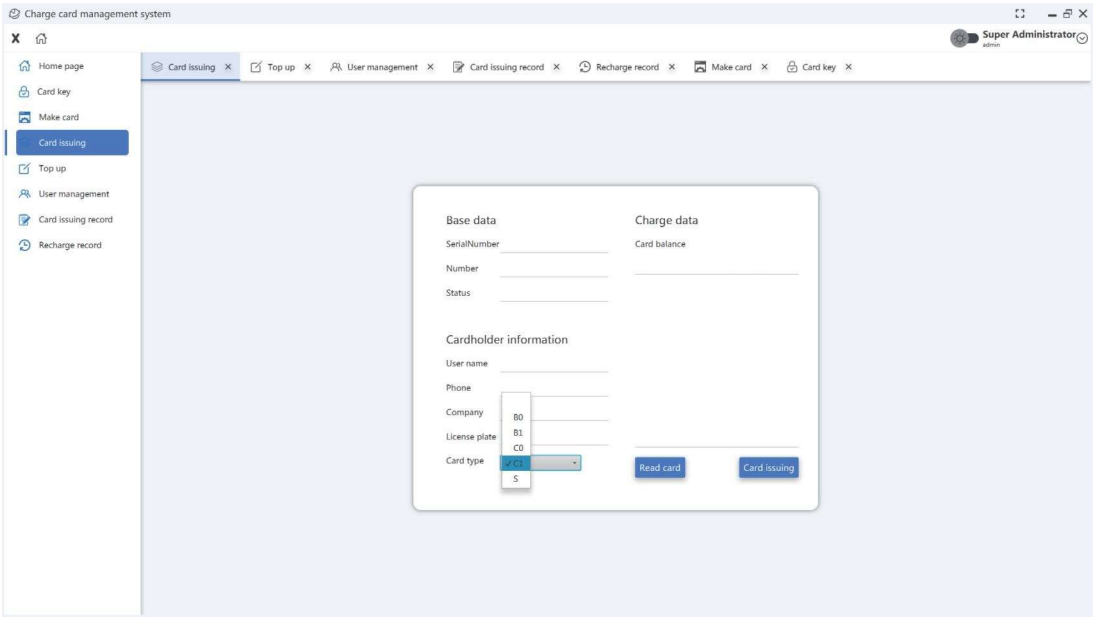
B. Card key

The key for the charging card and the charging port must be the same. If you need to change it, you will need a card-making tool to modify the key of the charging card.



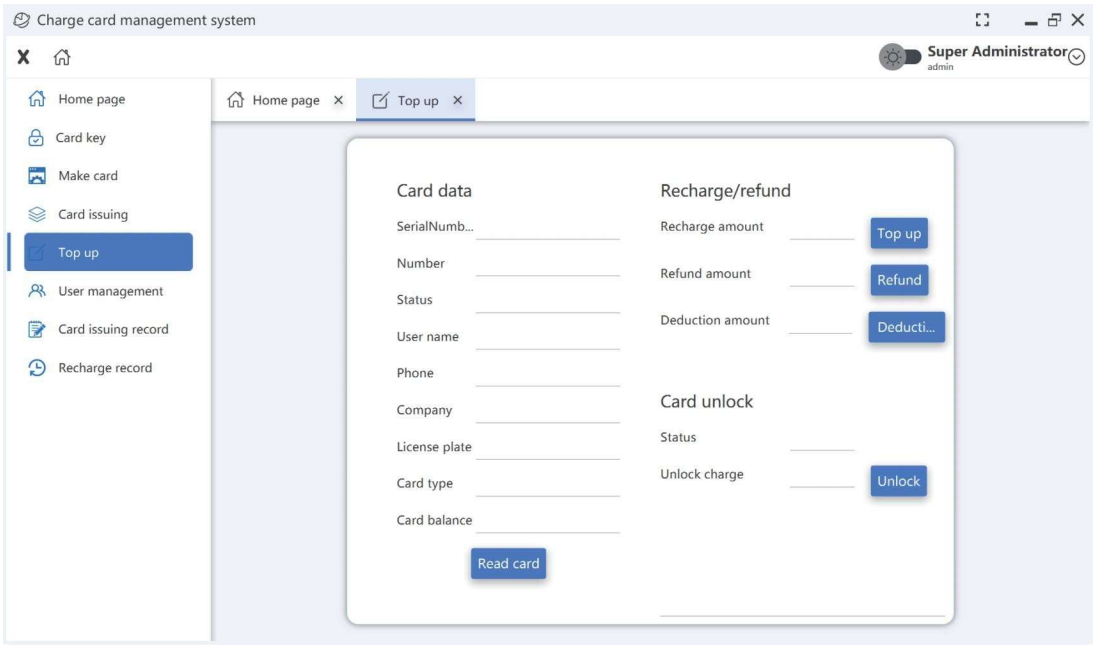
C. Card issuing

Place the recharge card on the reader, click the "Read card" button, to read the Base data of the new card. Fill in the Cardholder information according to the actual situation. The Card type is usually selected as C1 (the charging card is of type C, the free card is of type B, and the one for adjusting rates is of type S).



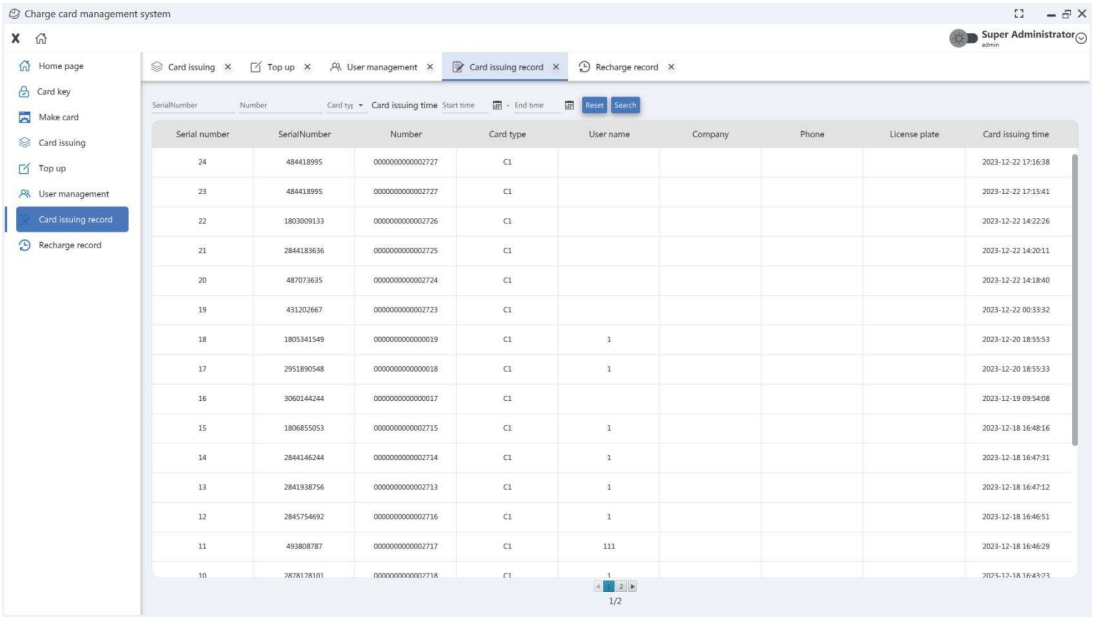
D. Top up

New card can be topped up or refunded, card unlocked, etc. on this interface.



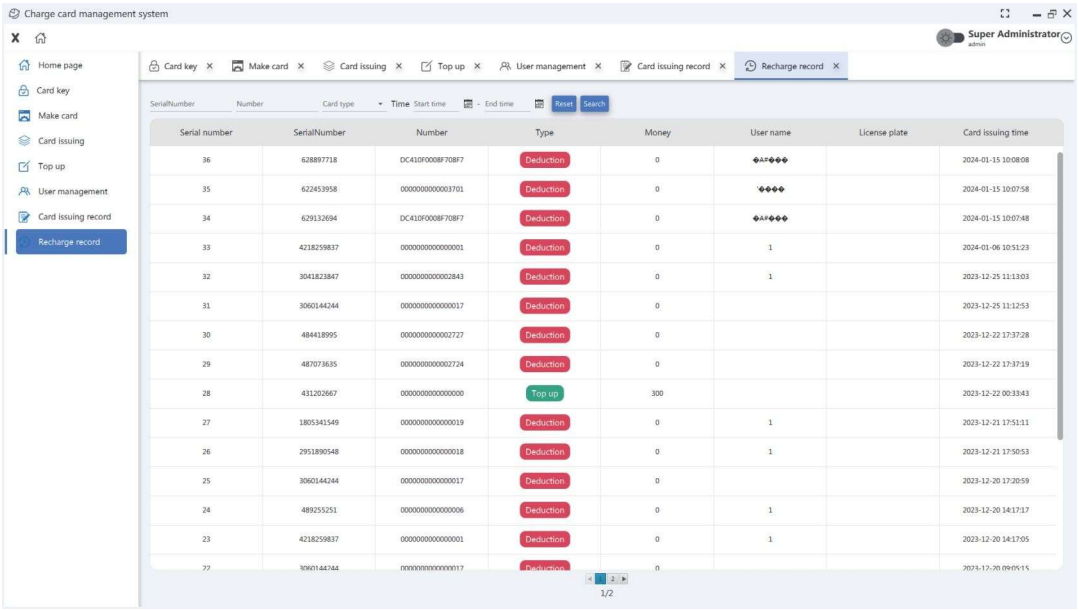
E. Card issuing record

Query the card issuance records on this page.



F. Recharge record

View your recharge history on this page.

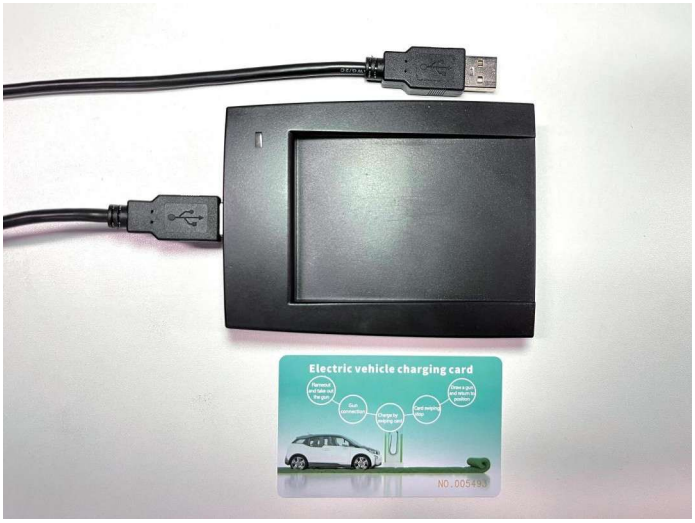


1) Card Reader

After installing the card-making software on the computer, the card reader is connected to the computer via a USB cable.

2) Card Unlocked

Place the locked charging card of this charging station in the card slot, and click on "Card Unlocked" in the card management interface to unlock the charging card.



In the upper right corner of the main screen, click three times consecutively to enter the administrator entrance. Enter the system settings interface by inputting the administrator password. Click "Mode Switch" to enter the mode switching interface. There are four independent, network, portable, and password mode charging options. The specific operation is as follows:

Note: For the charging card used in the network charging mode, it must be added to the network platform with this card number and become an authorized card.

For the independent charging mode, the charging card must be bound in the addition of the card or have the same key. Charging is prioritized based on the bound card. Without a bound card, charging cards with the same key can all be charged by swiping the card.

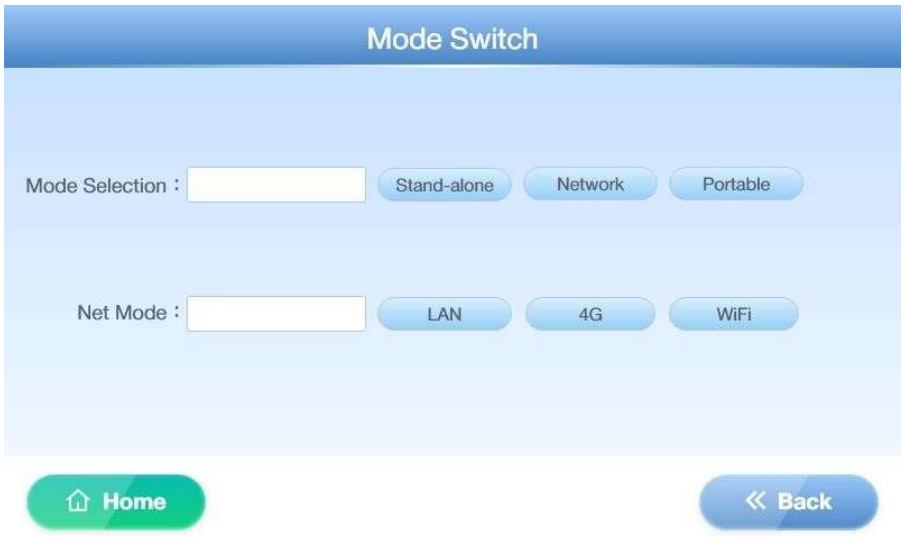
4.1 Network mode

4.1.1 LAN

First, on the Mode Switch interface, configure the following parameters. Then, in the Network Settings interface, enter the network platform address in the URL field, and restart the charging station (modifying the charging mode requires restarting the device). Check if this charging station is online on the network platform, or after plugging in the charging gun, a QR code will appear on the main interface, indicating that it has successfully connected to the OCPP platform and charging can begin.

Mode selection: Network

Network mode: LAN, 4G, WiFi (select Network, and then choose the method of connecting to the OCPP platform according to the connection method);



(1) Start charging

1. The charging gun head must be securely connected to the charging interface of the electric vehicle, in the correct position and in the plugged-in state. Click on the main interface to jump to the card-swiping interface. Please swipe the card (the charging card has already been authorized on the OCPP platform), or you can control to start charging through the network platform.

2. After the charging is initiated, the charging station automatically detects for several seconds and then starts charging. The network charging interface displays information such as the battery charge level, charging current, charging voltage, charging time, charging quantity, and charging power.

3. Click on the left side of the network charging interface in the above picture, and it will redirect you to another charging interface that displays information such as battery charge level, charging time, card balance, charging current, charging power, and charging voltage.

4. Click on the "More" button in the above image to view the request data sent by the charging vehicle, including remaining battery capacity, travel time, maximum voltage of the battery management system, maximum voltage of the battery management system, cost, as well as maximum output voltage, maximum output current, maximum output power, state of charge threshold, and load balancing information of the system settings.

(2) Stop charging and resume charging

In the network charging mode, there are several ways to stop charging:

· Start charging by swiping the card, then stop charging by swiping it again and complete the settlement; otherwise, the card will be locked;

· Stop charging through the network platform;

· Stop charging when fully charged.

· Press the emergency stop button to stop (for non-emergency faults, do not touch).

After charging is completed, a settlement interface will appear, showing information such as charging time, charging power, and the amount on the card. Click the OK button to return to the main interface.

412 4G mode

This mode is configured in the same way as the LAN mode. Please select 4G (using SIM card to connect to the network) in the Net mode on the Mode switch interface, then enter the network platform address in the URL on the Network Settings interface, fill in the APN-related parameters (edit and fill in according to the information provided by the operator), restart the charging station (modifying the charging mode requires restarting the device), and then start charging (the charging process is the same as in the LAN mode, including starting and stopping charging).

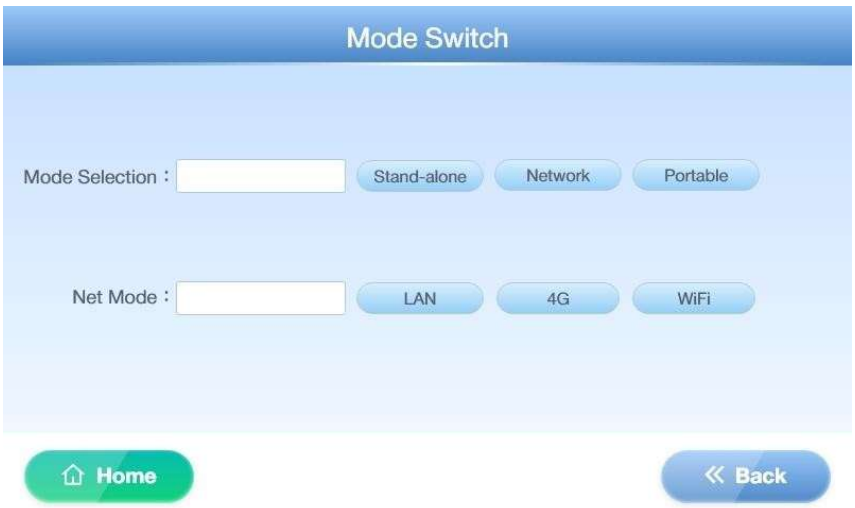
4.2 Stand-alone

4.2.1 Mode configuration

First, on the mode switching interface, configure the following parameters, then restart the charging station (restarting the device is necessary to change the charging mode), and start charging.

Mode selection: Independent;

Network mode: Not selectable;



(1) Start charging

The charging gun head must be securely connected to the charging interface of the electric vehicle. The connection should be in place. When the gun is inserted, click on the main interface to jump to the card-swiping interface. Please swipe the charging card to start charging.

(2) Stop Charging

In single-device charging mode, stopping the charging process can be done in the following ways:

· Click the stop button on the charging interface and swipe the card again to stop charging;

· Stop charging when fully charged (please swipe the card for settlement);

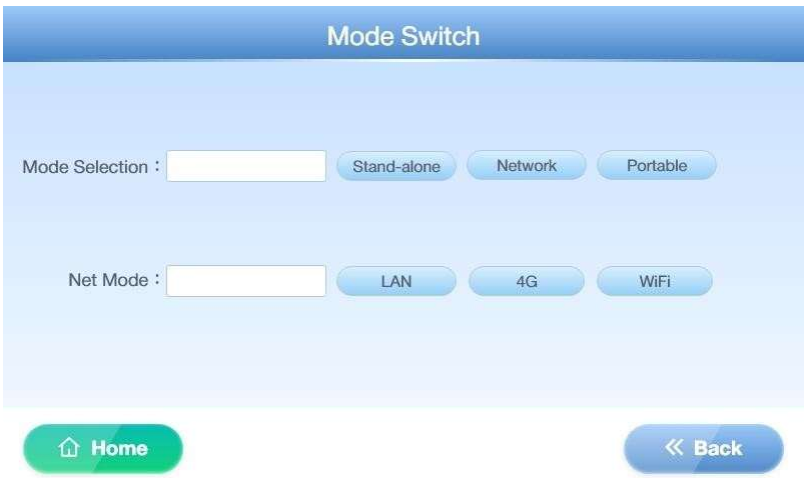
· Press the emergency stop button to stop (in case of an emergency, do not touch it).

3.3 Portable

First, on the mode switching interface, configure the following parameters, then restart the charging station (restarting the device is necessary to change the charging mode), and start charging.

Mode selection: Portable (no magnetic card used, no charge);

Network mode: Not selectable;



(1) Start charging

The charging gun head must be securely connected to the charging interface of the electric vehicle. The connection should be in place. When the charging gun is inserted, click on the charging gun on the main interface, then click the "Start Charging" button. The charging station will automatically detect for a few seconds and then start charging.

(2) Stop charging

When in portable mode, stopping charging can be done in the following ways:

- Click the "Stop" button on the charging interface to stop charging;
- Stop charging when fully charged;
- Press the emergency stop button to stop (in case of an emergency, do not touch).

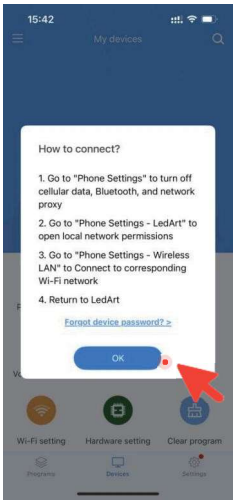
- Step 1.

Download the “LED ART”APP on your mobile phone.

Download the“hdplayer“software on the computer.

- Step 2.

Connect the device（Please turn off mobile data, Bluetooth, and network proxy before connecting.）



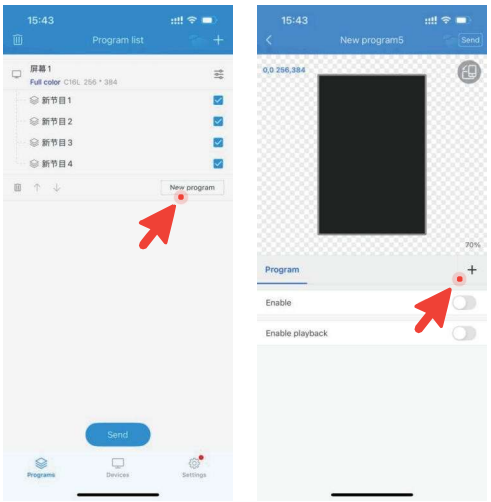
- Step 3.

Account WIFI: C16L-D24-00672

Password: 8888888

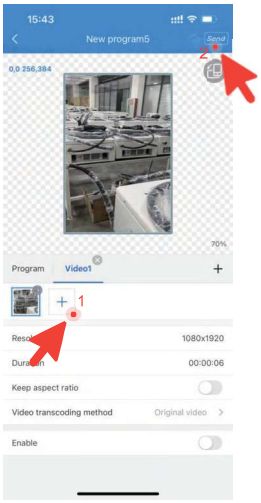
- Step 4.

Click on “Program - New Program”.You can choose to create a new video, image, text, etc.



- Step 5.

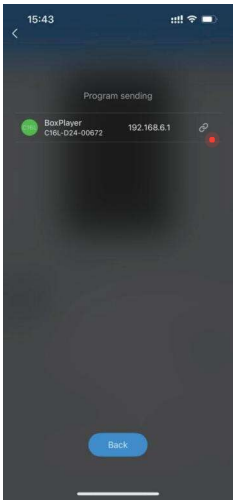
Click to send（Please bring your phone close to the device when uploading.Support uploading multiple programs.）



- Step 6.

Automatic playback will start once sent.

Video suitable size 256*384



·When charging, please connect the charging gun first, then start the charging process.

·The main reason for the slow charging speed might be insufficient power of the charging station, the current limit of the vehicle's charging, or insufficient power supply at the parking spot. Please choose a charging station with higher power, check the vehicle settings to adjust the charging parameters, or choose another parking spot or report the power supply issue to the relevant department.

·Sometimes, when using the charging station, you may encounter a situation where charging fails and cannot be carried out normally. This might be due to a faulty charging connector, a faulty charging station, or a problem with the charging card. Please check if the connector is intact and ensure that the plug is securely inserted. Contact the charging station management unit for repair or replacement. Report the fault and carry out the repair or replacement. The charging card might have poor contact or be damaged, causing the charging failure. If there is a problem, please replace the charging card or contact the charging card issuing institution to solve the problem.

·When charging with a card, do not use the same charging card to charge other charging stations to avoid being locked out.

·When the charging station system changes the charging mode, restart the power supply and check if the mode change is successful. Then you can use it.

·During charging, do not forcibly pull out the charging connector. Forcing to pull out the charging connector may cause sparking at the connector, resulting in an accident.

·When charging is in progress, entering the system configuration interface will cause the charging to stop.

·If charging is completed or abnormal charging ends without settlement, please swipe the card for settlement.

·When starting or ending charging with the card, swipe the same card.

·When installing the charging station, the grounding line should be reliable, without any abnormalities or ungrounded. Otherwise, charging cannot be performed.

·If you need to stop charging in advance, swipe the card to stop normally.

·If an accident occurs during charging, such as abnormal sounds, wire short circuit, etc., press the emergency stop button on the panel, disconnect all power sources, and immediately contact the on-site management personnel.

·The display screen is not lit up. Restart the charging station or contact a professional technician for maintenance.

·The charging cable is damaged, the power supply is damaged, or the interface is damaged. Contact a professional technician for maintenance and replacement, and regularly check.

·The gun head is damaged, there is an object in the gun needle hole, etc. Check and clean. Disconnect the power source for one or two months and restart the equipment.

·The card does not respond. Restart the equipment, replace the card, and call the customer service hotline for consultation.

·If the equipment is not used for a long time, pull the switch to cut off the power supply.

·Do not touch the emergency stop button in non-emergency situations.