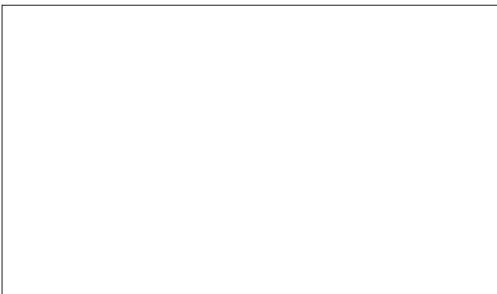


## b. Charging by Scanning QR Code.

Scan the QR code on the pile directly with APP

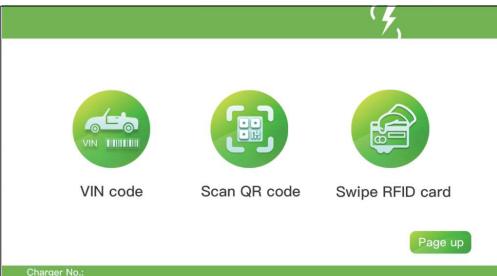
1. Main interface.



2. Select plugs (A/B).



3. Charging by Scanning QR Code.



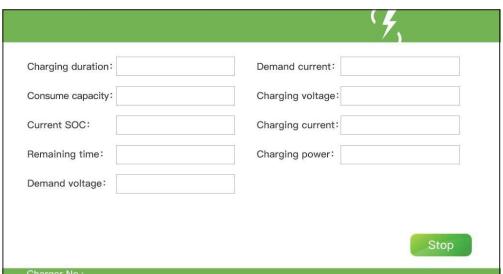
4. Wait for the user to scan code and confirm to start by using APP.



Scan code successfully, please wait.

Charger No.:

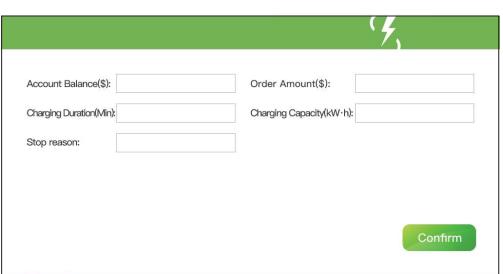
5. Scan the code and enter the charging interface.



6. Stop charging and enter the settlement interface.



7. Enter the settlement interface.



8. Thank you.



### C. Charging by Swiping Card(Online/ Offline Card Swiping)

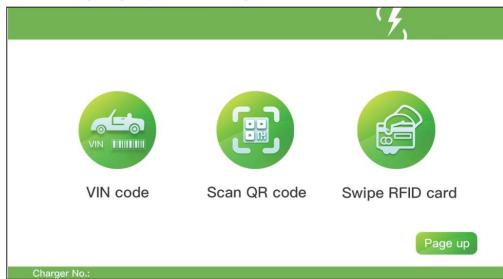
1. Main interface.



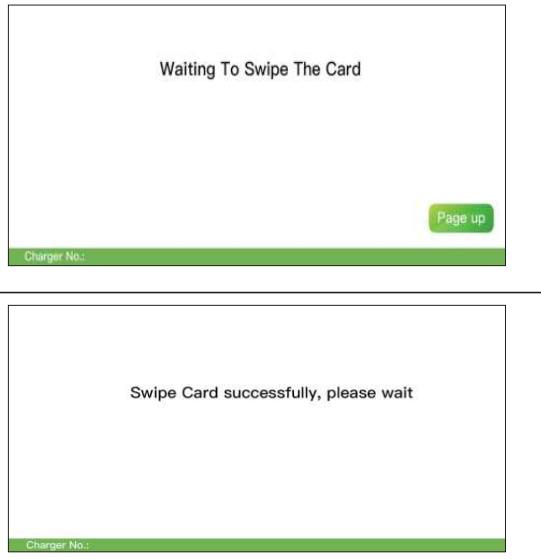
2. Select plugs (A/B).



3. Charging by Swiping RFID Card.



4. Select swipe RFID Card, then put the card to swipe.



5. Enter the charging interface.

Charging duration:	Demand current:
Consume capacity:	Charging voltage:
Current SOC:	Charging current:
Remaining time:	Charging power:
Demand voltage:	

Charger No.: [redacted]      Stop

6. Swipe the card again to stop charging and enter the settlement interface.

Please return the plug to the organizer and drive away from the parking space to avoid taking up pile fees. Thank you for your cooperation.

Charging capacity (kW·h):	Charging duration(Min):
SOC(%):	
Stop reason:	

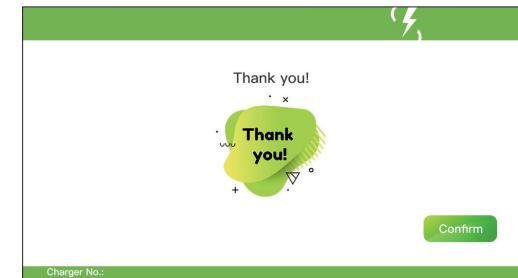
Confirm

7. Enter the settlement interface.

Account Balance(\$):	Order Amount(\$):
Charging Duration(Min):	Charging Capacity(kW·h):
Stop reason:	

Charger No.: [redacted]      Confirm

8. Thank you.



### 9.3 Process for Setting Parameters

1. Click on the top right corner for language selection, and click continuously on the bottom left corner 5 times to enter the settings page.



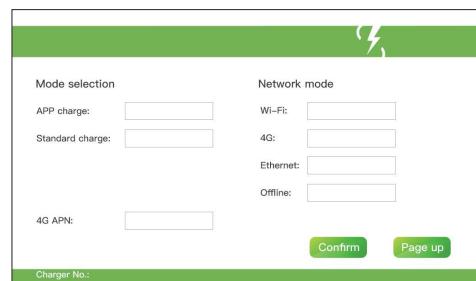
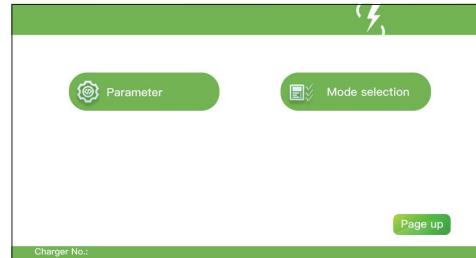
2. Here comes parameter setting page.



3. Enter a 4-digit password \*\*\*\*.



4. Choose communication settings, charging mode selection.



## 9.4 Troubleshooting

If the charging device is malfunctioning, the prompt light is always red, and the screen displays the cause of the malfunction, please follow the instructions in the table.

Description	Reason	Solution
Failure of electric meter!	Unable to communicate with the electricity meter	Check if the terminal is loose, otherwise contact customer service
Failure of insulation!	Unable to communicate with DC insulation tester	Check if the terminal is loose, otherwise contact customer service
Lightning protection fault!	Pile detected lightning protection signal	Check if the terminals are loose or if the lightning protection changes from green to red, otherwise contact customer service
Door fault!	The door is open.	Check that the door is closed, otherwise contact customer service
Emergency stop!	Emergency stop button pressed or broken button	Check that the emergency stop is pressed, otherwise contact customer service
Power module error!	Incorrect number of charging modules, or module failure	Open the side door to check if the module lights up red, otherwise contact customer service
PLC error!	Unable to communicate with PLC	Check if the terminal is loose, otherwise contact customer service

### Notes:

- If the above fault information occurs simultaneously in a large number of devices, it is highly likely to be a firmware error, and technical personnel need to be contacted to upgrade the pile
- Please pay attention to high voltage when dealing with the above related troubleshooting, and try to complete it under the guidance of professionals.

## 10 Maintenance

### 10.1 General Maintenance

- The DC Fast Charger is cooled by forced air. Please keep charger in a ventilated location and do not block the air vents of the DC Fast Charger.
- Please clean or replace the air filters regularly to ensure the DC Fast Charger works properly.
- The housing was made of welding process and surface painting. It is necessary to keep the exterior clean all the time. It's easy to get rusty if not keeping the exterior clean especially in corrosion sensitive environment. Slightly rusty will not affect charger performance, but if charger is serious rusty during or exceed the warranty period, please contact local vendor for instruction.
- Clean the DC fast Charger at least three times a year, keep the exterior clean at all times.
- Clean the outside of the cabinet with damp cloth or wet cotton towel, only use low-pressure tap water and cleaning agents with PH level between 6 to 8.
- Do not apply high-pressure water jets.
- Do not use cleaning agents with abrasive components and do not use abrasive tools. Improper cleaning agents might spoil coating, painting, surface, brightness and durability of all exterior parts.
- If there is water intruding into the DC Fast Charger then please cut off the power source immediately and contact the DC Fast Charger provider for repair.
- Please make sure the charging connector is returned to the holder of the charging connector after charging to prevent damage.
- If there is damage to the charging connector, charging cable or holder of the charging connector then please contact the DC Fast Charger provider.
- When using the DC Fast Charger please handle properly. Do not strike or scrape the cabinet or screen.
- If the enclosure or screen is broken, cracked, open or shows any other indication of damage then please contact the Standalone DC Fast Charger provider.



WARNING: Danger of electrical shock or injury. Turn OFF power at the panelboard or load center before working on the equipment or removing any component. Do not remove circuit protective devices or any other component until the power is turned OFF.

- Disconnect electrical power to the DC Fast Charger before any maintenance work to ensure it is separated from the supply of AC mains. Failure to do so may cause physical injury or damage to the electrical system and charging unit.

**NOTE:**

- Before switching off main breaker to begin maintenance, please record the status code number on the LCD monitor.
- After maintenance door opened or NFB of charger turned off the charger is still hazardous. Only visual inspection can be operated.
- Maintenance of the DC Fast Charger shall be conducted only by a qualified technician.
- After opening the front door of the DC Fast Charger, turn off the main breaker and auxiliary breaker before any maintenance work.
- Clean the ventilation filter every six to twelve months.
- Please confirm the main power junctions are tightened every month, and rotate cables testing when the power off. If any main power screw is loose will be resulted in damage on charger or smoke on the connections. Please confirm screw torque requirement table.
- Charging cable maintenance: Do not twist, bend the charging cable. The metal contact should not fade or be rusty.
- Please provide the EVSE information including serial number, model name, status code, failure behavior and timing, and also connect the EVSE to the Internet before remote diagnostics and upgrading

## **11. Instruction of Packing, Handing, Transportation and Storage**

**Package:**

Weight	300Kg
Packcage Dimensions	1020*620*2035mm(40.16"*24.41"*80.12")

- The transportation can be by car, vessel and aircraft.
- During transportation, please pay attention to sunscreen and civilized loading and unloading, avoiding violent vibration and impact, etc.
- Products should be stored in Class I environment and stored for more than 6 months are recommended to be re-tested and can only be used if they are qualified.

## 12. Limited Product Warranty

The warranty period of this charger is according to purchasing contract; two years typically.

Any spare parts provided by Supplier and used as replacements for repair are covered by a two-year guarantee.

Replacement and repair parts manufactured by alternative manufacturers to those on the maintenance parts are only allowed if authorized by Supplier.

The housing was made of welding process and surface painting. It is necessary to keep the exterior clean all the time. It's easy to get rusty if not keeping the exterior clean especially in corrosion sensitive environment. Slightly rusty will not affect charger performance, but if charger is serious rusty during or exceed the warranty period, please contact local vendor for instruction.

Warranty Exclusions:

- Damage or rendered non-functional as a result of power surges, lighting, earthquake, fire, flood, pest damage, abuse, accident, misuse, negligence or failure to maintain the product or other event beyond Supplier's reasonable control or not arising from normal operating condition.
- Cosmetic or superficial defect, dents, marks or scratches after use.
- Components which are separate from the product, ancillary equipment and consumables, such as door key, RFID card, air filter, fuse, cable, wires, and connectors.
- Damage as a result of modifications, alterations, or disassembling that were not pre-authorized in writing by the Supplier.
- Damage due to the failure to observe the applicable safety regulations governing the proper use of the product.
- Installed or operated not in strict conformance with the documentation, including without limitation, not ensuring sufficient ventilation for the product as described in the Supplier installation instruction.

If a defect in the product arises and a valid claim is received within the warranty period, your sole and exclusive remedy will be for Supplier, at its sole discretion and to extent permitted by law, to

- Repair the defect in the product at no charge, using new or refurbished parts.
- Exchange the product with a new or refurbished product that is functionally equivalent to the original product.

Any remedy hardware product will be warranted for the remainder of the original warranty period or 90 days from delivery to the customer, whichever is longer.

To receive the remedy, set for above, you must contact the Supplier during the warranty period and provide the model number, series number, proof of purchase, and date of purchase.

This warranty does not cover the damages caused by adapter usage accidents or by other unauthorized operations/services.

Name of Manufacturer: SHENZHEN HB ELECTRONIC CO., LTD  
Address : Floor 301, Bldg 21, Zhengdaan Industrial Park, 172 Xiangshan Rd,  
Luotian Village Yanluo Town, Baoan District Shenzhen City 518105, China