

Teison



DC 40KW

TS-EDW40-001



Product overview

EDW series intelligent DC charging station is a kind of electric device that adopts professional power technology to provide efficient, safe and stable DC power for electric vehicles, and provides a friendly man-machine operation interface with corresponding control, billing, communication and safety protection functions. It can be connected to the background server, perfectly compatible with the OCPP standard protocol to achieve convenient functions such as mobile phone APP control, charging time scheduling and online payment, etc. Diversified communication methods are available for your taking option from Ethernet, WIFI or 3/4G.

1. Technical Parameter

Item No.	TS-EDW40-001
Dimension	770mm X 580mm X 265mm
Weight	85KG
Screen Material	LCD
Shell Material	Solid Metal

AC Input

Input Line	3P+N+PE
Voltage	AC 380V
Current	≤66A
Frequency	45 ~ 65HZ

DC Output

Voltage	DC150 ~ 750V
Current	100A
IP Protection Level	IP55
Operating Temperature	- 25 °C ~ 50 °C
Relative Humidity	< 95%
Altitude	≤2000m (Lower the output power when altitude > 2000m)
Cooling Method	Force-air Cooling
Network Gateway	Ethernet
Charging Mode	RFID/APP
Standby Power Consumption	25W
Standard	IEC-62196-2;EN61851
Installation Method	Wall-mount/Floor-stand
Certificate	CE
Measure Accuracy	0.5

Safety Protection Function

Input Overvoltage Protection	484-500Vac
Input Undervoltage Protection	260-276Vac
Output Overvoltage Protection	DC260V ~ 850V

Over Temperature Protection	> 50 °C : output power will be reduced > 75 °C : charging station will be shutdown
Short Circuit Protection	Yes
Emergency Stop Protection	Yes
Leakage Protection	Type A
Lightning Protection	Level 2

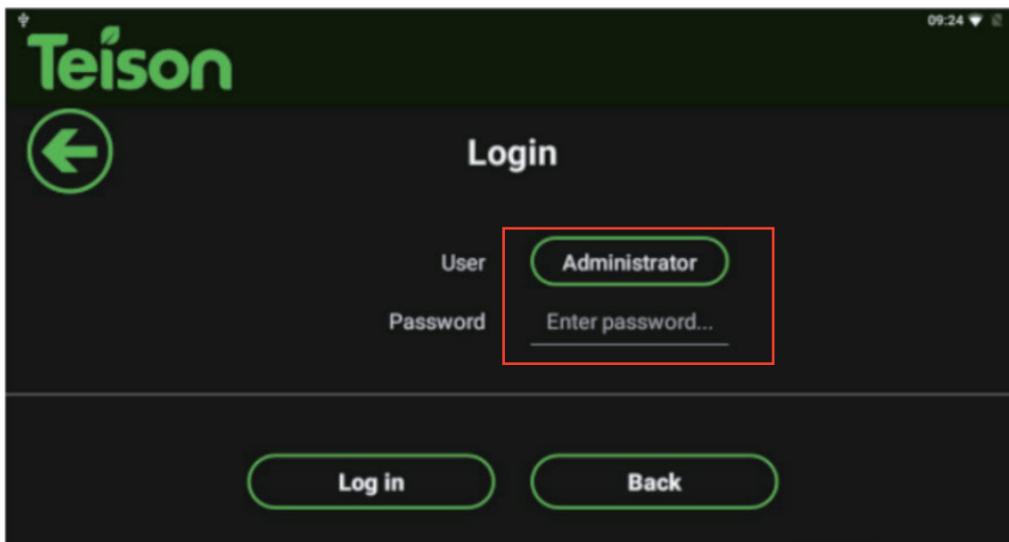
2.Instruction

2.1 Wifi connection

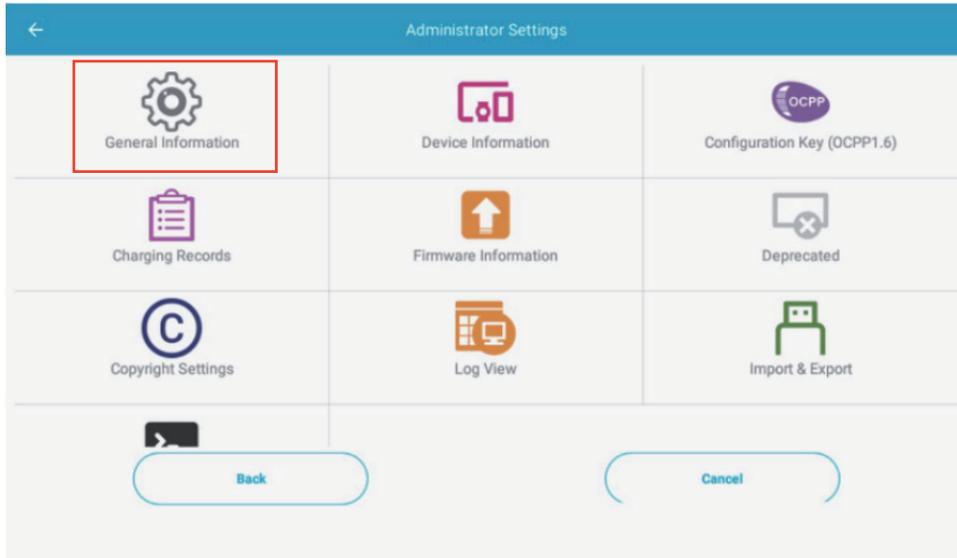
Press the settings button in the upper right corner



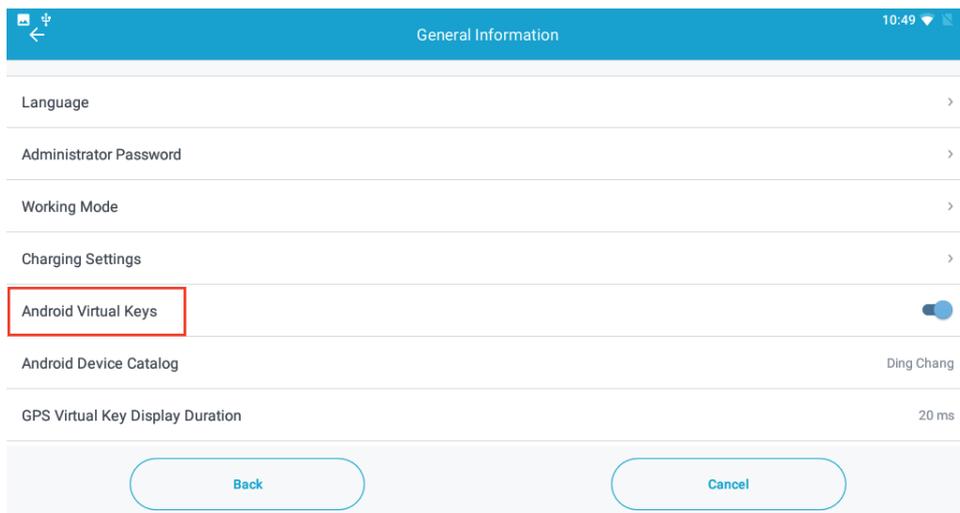
Choose login with “User: Administrator”, password: 39935069



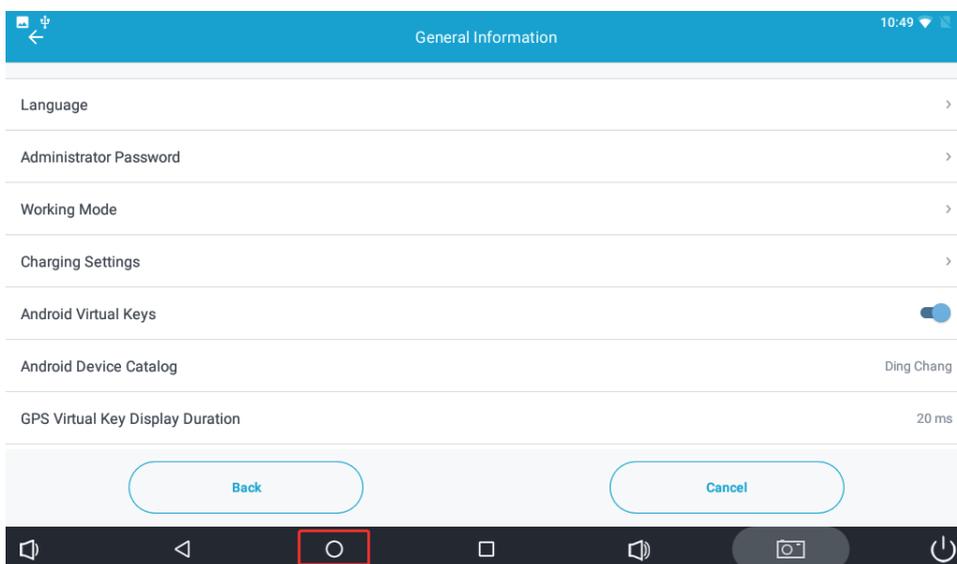
Choose “General Information”



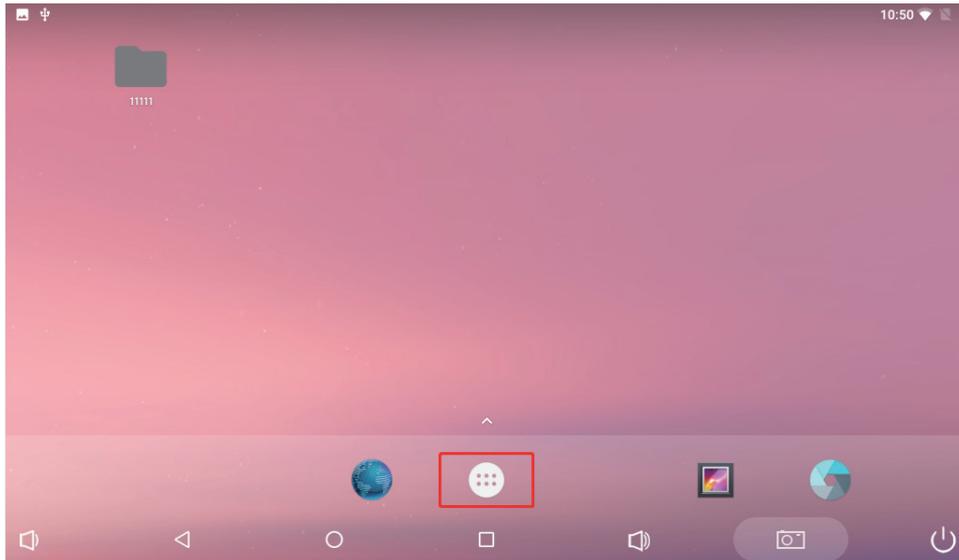
Open “Android Virtual Keys”



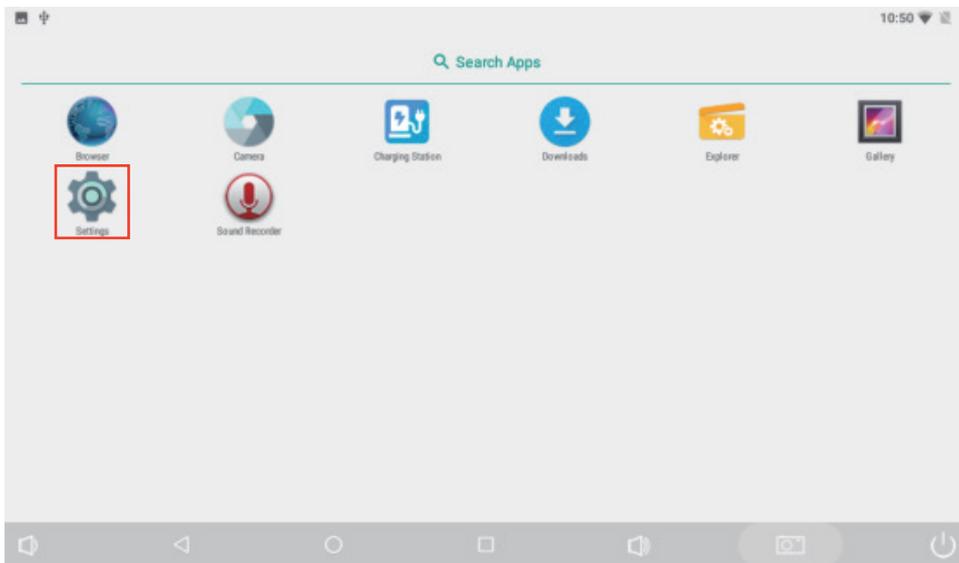
Press the button in the red box



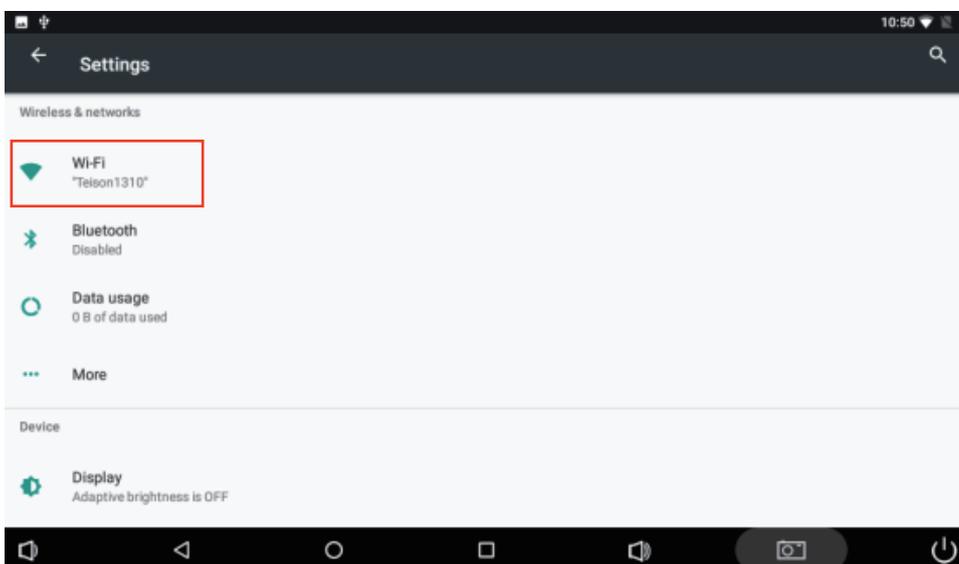
Click the button in the red box, to enter the menu bar



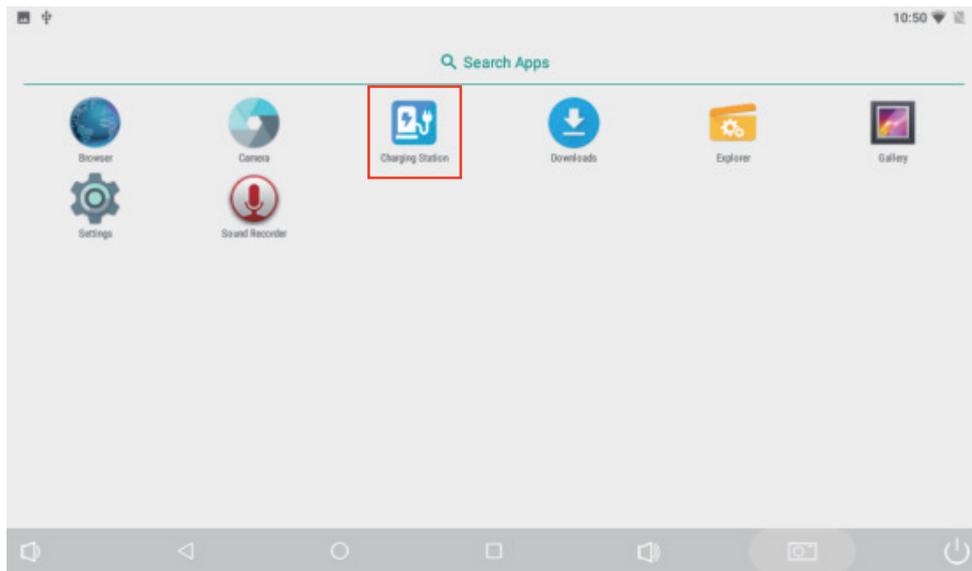
Select 'Setting' to enter



Connect "WIFI"

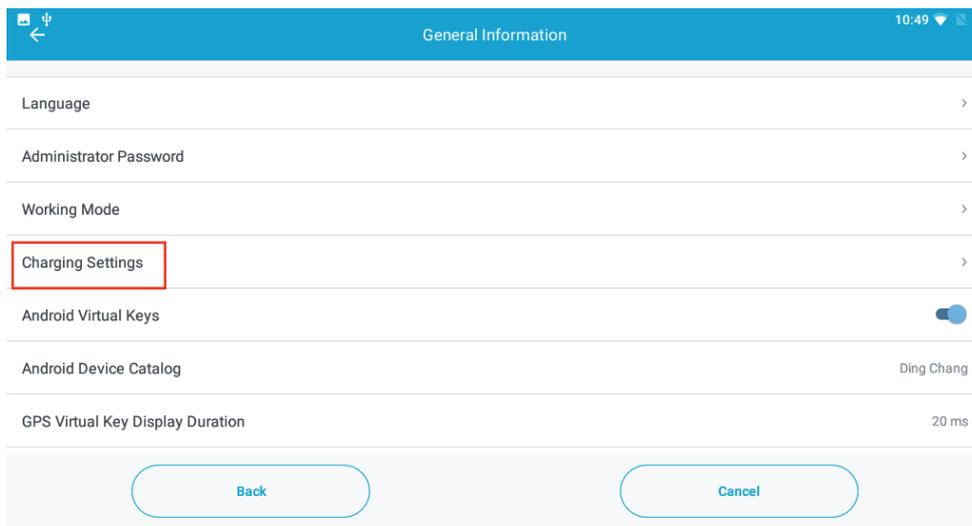


Press “Charging Station” to return the charging system and close android Virtual Keys

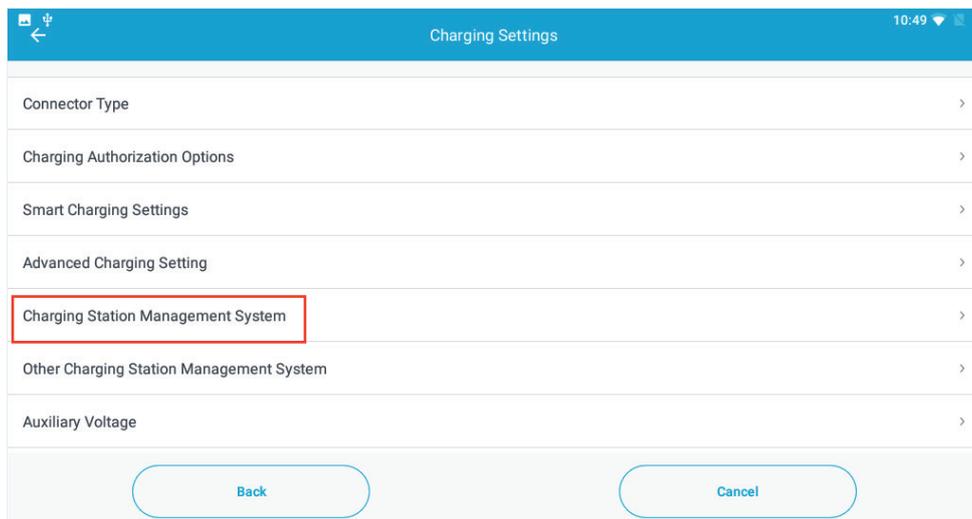


2.2 OCPP platform connection

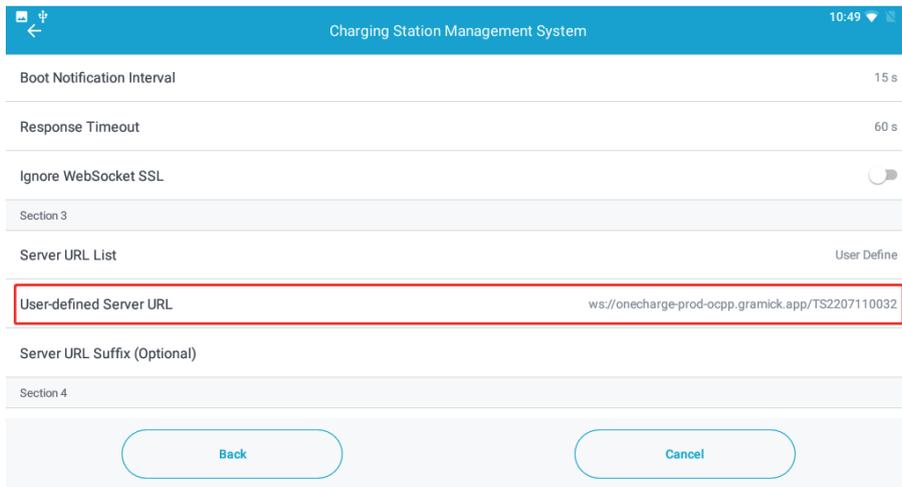
Press “Charging Settings”



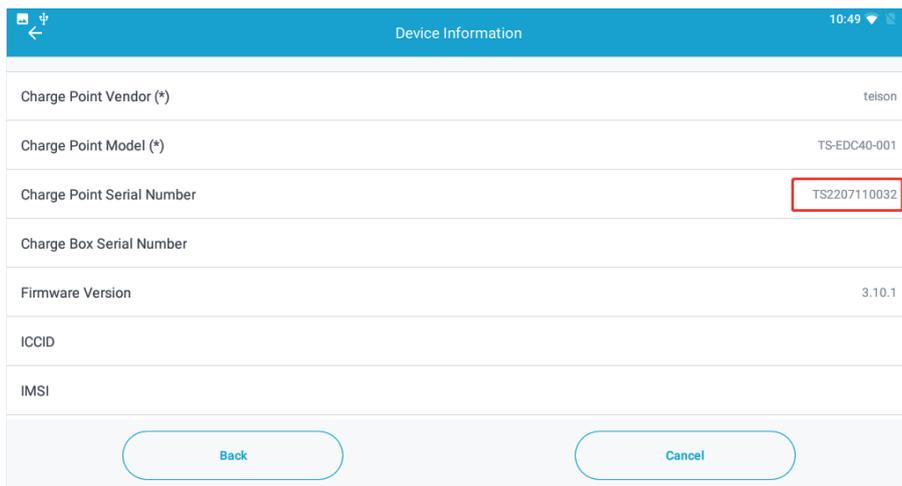
Choose “Charging Station Management System”



Enter the corresponding URL to the platform, and the last section is the charger's ID number



You can exit after adding the corresponding ID number in the 'Device Information' option

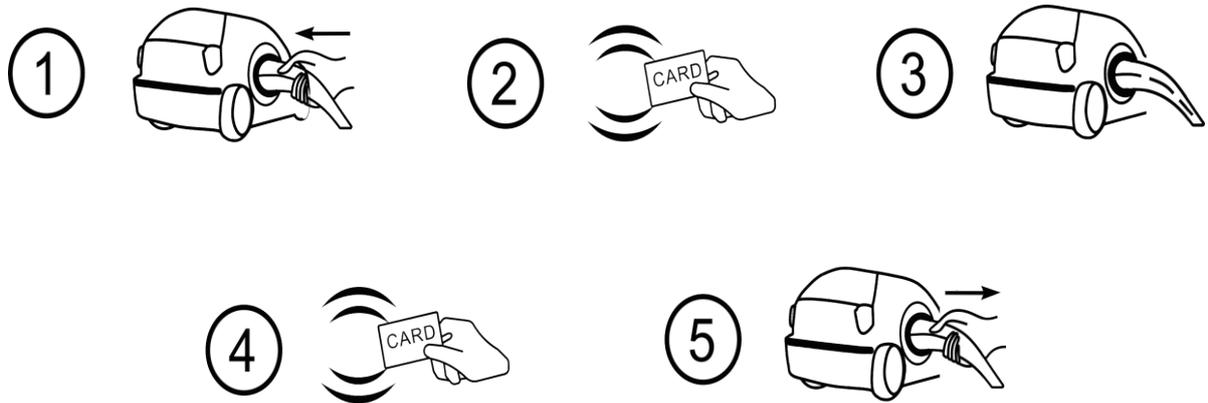


Successful login to the platform if the cloud with '√'



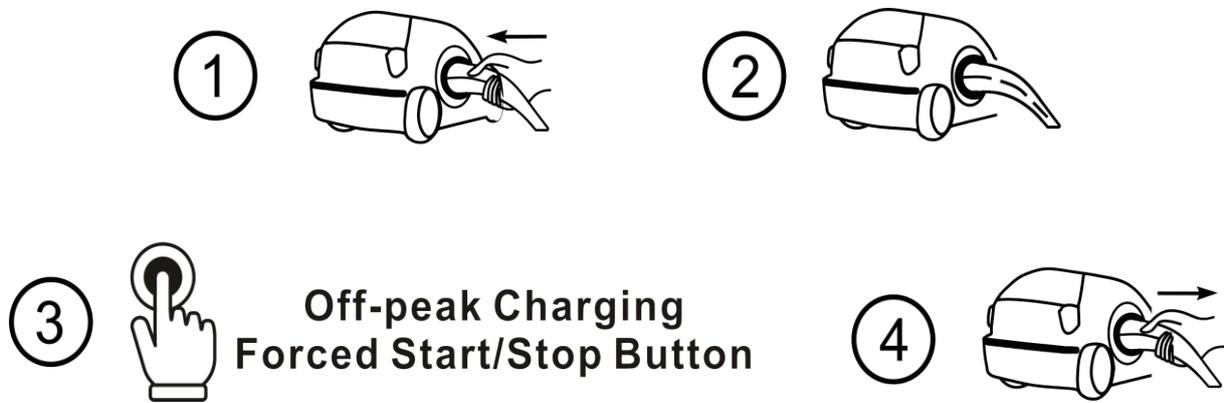
2.3 Charging Mode and Method

APP/RFID Mode: support QR code scanning and RFID prepaid charging mode



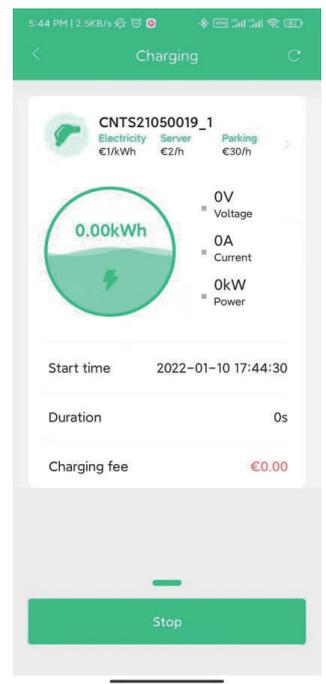
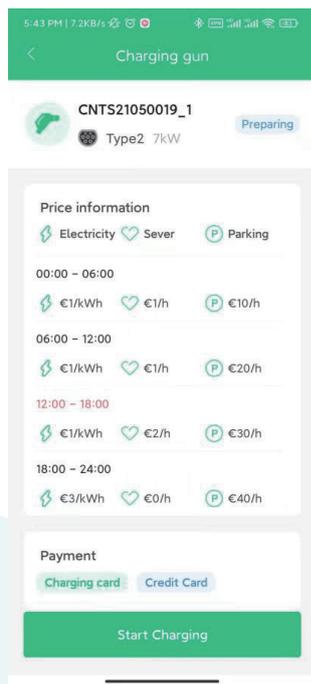
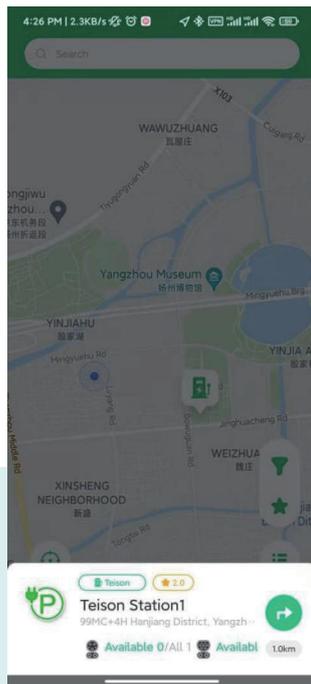
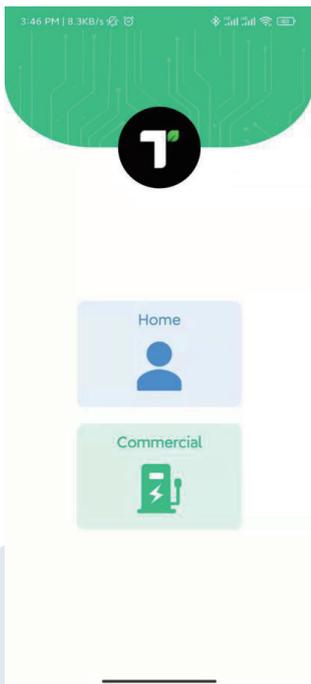
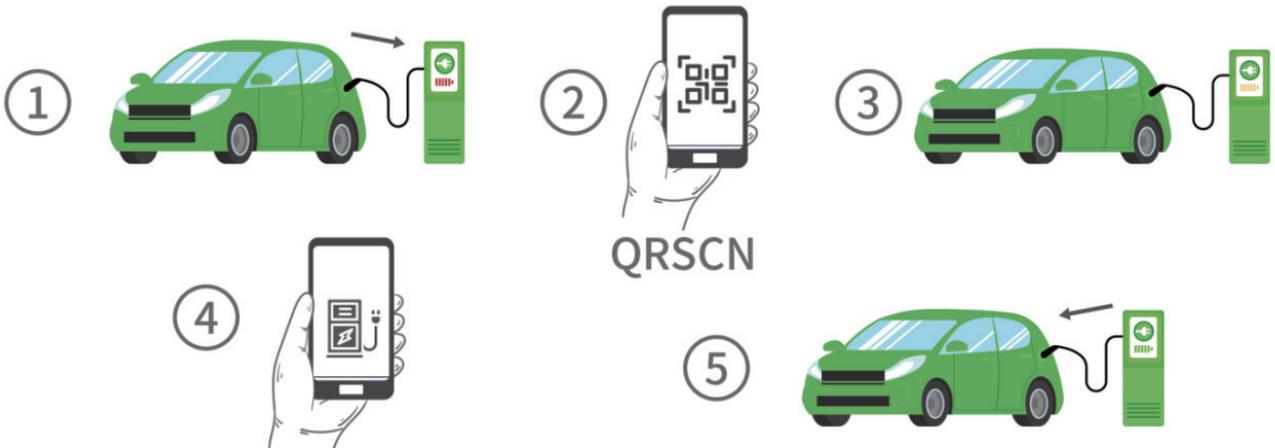
APP/RFID Mode Operation Diagram

Plug&Charge: no billing mode



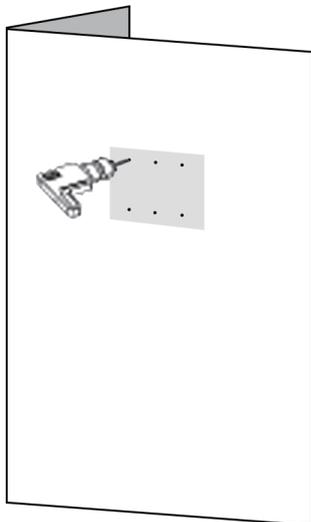
Plug&Charge Mode Operation Diagram

Teison APP operation diagram shown as below:

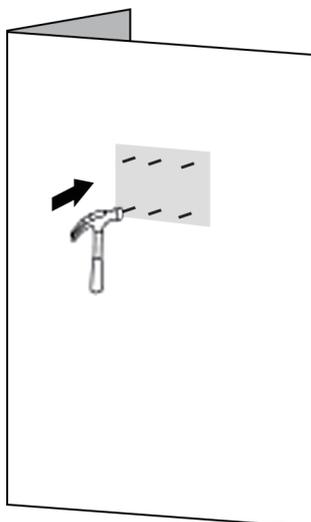


3.Installation

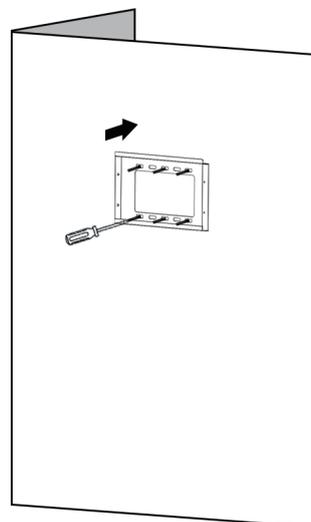
Wall mounted installation



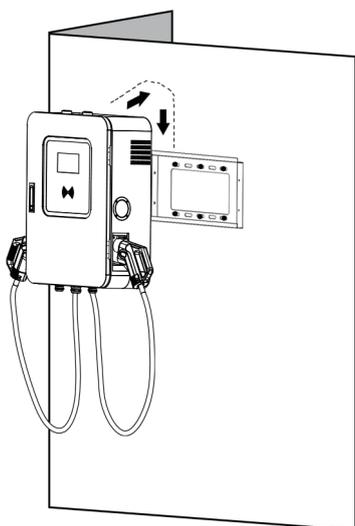
1. Select the appropriate installation position and punch the screw hole position according to the mounting plate mark.



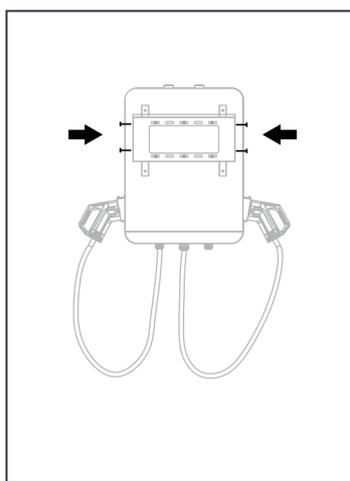
2. Knock the expansion pipe into the hole



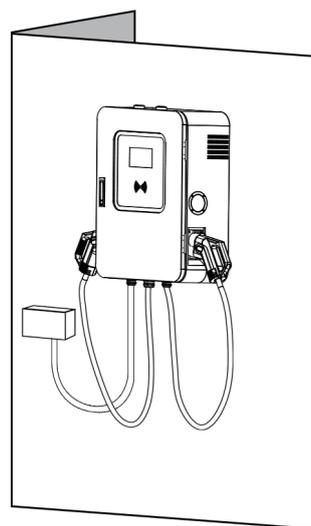
3. Use M10/M12 bolts to horizontally fix the mounting plate to the wall.



4. Hang the charging pile on the mounting plate.

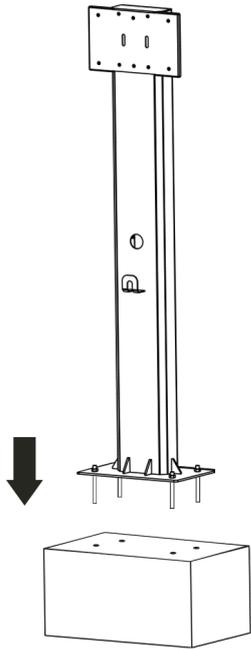


5. Tighten the four M6 bolts on the left and right of the mounting plate to prevent the equipment from moving from left to right.

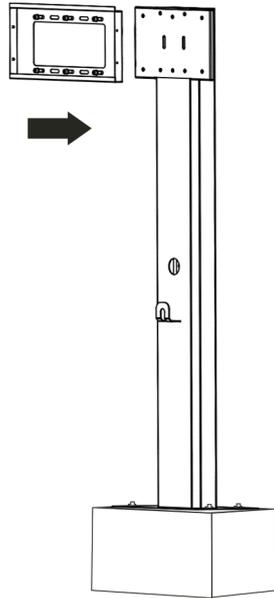


6. After installation, connect the incoming line (3 * 16mm² + 2 * 10mm²) to the power supply.

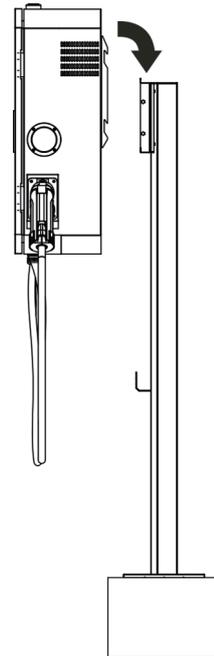
Column installation



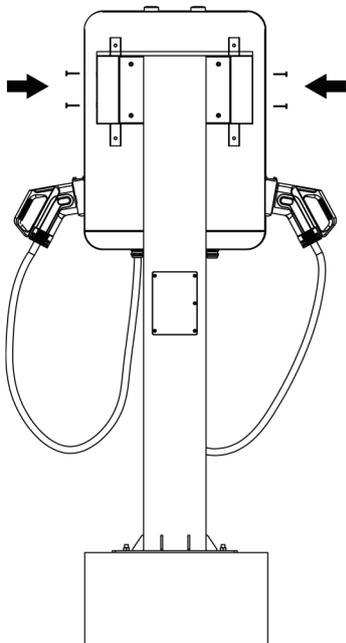
1. Install the column in place



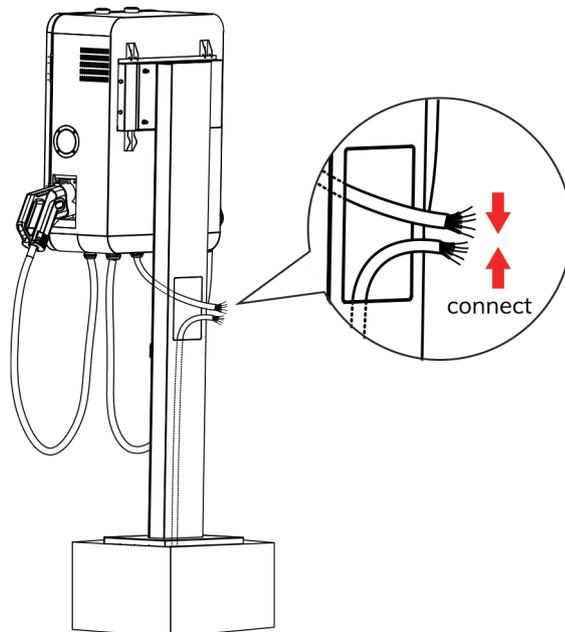
2. Use M10/M12 bolts to fix the mounting plate on the column (holes are reserved on the column).



3. Hang the charging pile on the mounting plate.



4. Tighten the four M6 bolts on the left and right of the mounting plate to prevent the equipment from moving from left to right.



5. After installation, connect the incoming line (3 * 16mm² + 2 * 10mm²) to the power supply.