



Park & Plug Ltd. Nassau, Bahamas www.parkandplug242.com

Instruction Manual

Preface

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.

We sincerely hope that this product can meet the users' requirements, and look forward to the comments on the performance and function of the product. We will continue to improve the quality of our products and our service.

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1. Safety Precautions

- Before using this product, be sure to read this specification carefully, and operate in strict accordance with the steps in this specification;
- If the product fault light is on or any fault message is displayed on the screen, please do not charge or stop charging, refer to the solutions in this specification for troubleshooting or contact the device manufacturer for handling;
- Do not put flammable, explosive, combustible objects, chemicals and other dangerous objects near the charging station;
- It is strictly forbidden to insert and pull out the charging gun during the charging process, and it is strictly forbidden to touch the inside of the charging gun to prevent the danger of electric shock;
- It is strictly forbidden to touch the charging plug or the charging socket of the electric vehicle, keep the charging plug in a dry state, and do not touch the charging plug with water on the hands:
- If there is any abnormal situation during use, please press the emergency stop button immediately;
- Do not attempt to disassemble, repair, or refit the charging station. Improper operation may cause damage, water leakage, electricity leakage, etc.;
- Please do not disassemble and repair the product alone when the charging station fails, please contact professional after-sales personnel to deal with it;
- During rainy and thunder day, please charge with caution; if there is water at the bottom of the device or inside the charging gun, please do not charge until the water is drained;
- Do not let children approach, touch or use the charging station to avoid personal injury;
- During the charging process, the vehicle is prohibited from driving.

2. Product Overview

2.1Product Brief Information

This charging station is designed for wall-mounted installation, greatly reducing the space it occupies. It features a simple and elegant appearance, a stable frame, and comprehensive protection functions. The product can be equipped with a charging pedestal and is suitable for various types of charging locations. There are multiple DC charging interfaces to choose from, including CCS2, CCS1, CHAdeMO, and GB/T.

2.2 Packing List

No.	Item	Qty	Unit	Note
1	Charging station	1	Set	
2	Instruction Manual	1	PC	
3	Backplanefor the charging station	1	PC	
4	M10 Expansion bolt	6	PC	
5	Column for installed on the ground	1	PC	Not- standard parts
6	RFID Card	10	PC	
7	Card reader with SD card	1	PC	

2.3 Product Feature

Main Feature

- Ingenious structure design: with swinging door design, the charging station can be installed against the wall, making reasonable use of space in various installation scenarios, and also bringing convenience for future maintenance;
- High industrial-grade standard: with redundant design of key components, waterproof and dustproof grade up to IP55;
- Modular design: each functional component of the product adopts modular design to bring convenience for maintenance and overhaul;
- High module utilization rate: the charging station strictly controls the output power according to the power curve of different types of modules. While making full use of the output capability of each module, it also avoids overclocking the output of the module and achieves the maximum utilization rate of the whole charging station;
- Industrial-grade display screen: 10.1" LCD touch screen with high-definition display it can automatically sleep in the standby state, which not only reduces energy consumption, but also prolongs the life cycle;
- Wide applicability: applicable to various types of charging places such as bus charging stations, parking lots, and residential quarters, etc;
- Low power consumption: The charging station adopts a low power consumption design, and some modules have the sleep function which can reduce power consumption in standby state.



Protection Mechanism

- It has a perfect charging protection function to prevent overcharging the vehicle;
- It has protection mechanisms such as phase loss, lightning protection, abnormal grounding protection, short circuit, over current, over temperature, insulation fault, and reverse battery connection, etc;
- With overvoltage protection, undervoltage protection, abnormal connection detection, emergency shutdown, communication fault prompt and other protection functions;
- With insulation detection function. It's prohibited to charge when the insulation performance decreases to ensure safety.

Diversified Configuration

- Modular design: compatible with different charging modules and applicable to different levels of voltage and current, all protection functions can be switched on and off independently
- Flexible charging mode: available in the mode of time, amount, power, automatic charging, reservation, etc.;
- Various methods of starting charging: available in the method of offline card charging, online card charging, scanning code charging and password charging, etc;
- Diversified communication method: available in Ethernet, WIFI or 3/4G.

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2.4 Technical Parameter

Mode	Specification	on				
Input Rating	Model					
AC Input Connection 3P+N+PE 3P+N+PE 3P+N+PE AC Input Rate Input Current 7 3Φ33A 3Φ50A 3Φ60A 3Φ60A 3Φ60A 50/60Hz 50/60	Electrical Properties					
Rate Input Current 3933A 3950A 3966A Frequency 50/60Hz 50/60H		Input Rating	AC400V(±10%) 3ph	AC400V(±10%) 3ph	AC400V(±10%) 3ph	
Frequency		AC Input Connection	3P+N+PE	3P+N+PE	3P+N+PE	
Frequency	AC Innut	Rate Input Current	3Ф33А	3Ф50А	3Ф66А	
Efficiency ≥95% ≥95% ≥95% ≥95% Output Voltage Range 200V-1000V 200V-1000V 200V-1000V Max. Output Current 66A 80A 133A DC Output Max. Output Power DC20kW DC30kW DC40kW Voltage Accuracy ≤±0.5% ≤±0.5% ≤±0.5% ≤±1% Current Accuracy ≤±1% ≤±1% ≤±1% User Interface & Control Display 10.1" touch screen Screen Material LCD Push Buttons Operation buttons/Emergency buttons User Authentication RFID, OCPP, QR code, Password, Application Support language English (Other languages available upon request) Communication External Ethernet, WIFI Internal CAN, RS485, RS232 Environmental Operating Temperature -30 C ~ +50 C Humidity <95% relative humidity, non-condensing Altitude ≤2000m(6000 feet) Mechanical Ingress protection IP55 Enclosure Protection IK10 Cooling Air forced Installation Method Wall-mount / Stand-pile Protection Over surrent Independence Pacidual surrent Over surrent Independence Pacidual surrent Over surrent Independence Pacidual surrent	7 to input	Frequency	50/60Hz	50/60Hz	50/60Hz	
DC Output Voltage Range 200V-1000V 200V-1000V 200V-1000V Max.Output Current 66A 80A 133A DC Output Max.Output Power DC20kW DC30kW DC40kW Voltage Accuracy ≤±0.5% ≤±0.5% ≤±0.5% Current Accuracy ≤±1% ≤±1% ≤±1% User Interface & Control Display 10.1" touch screen Screen Material LCD LCD Push Buttons Operation buttons/Emergency buttons User Authentication RFID,OCPP,QR code,Password,Application Support language English (Other languages available upon request) Communication External Ethermet,WIFI Internal CAN,RS485,RS232 Environmental Operating Temperature -30 C ~ +50 C Humidity <95% relative humidity, non-condensing		Power Factor	≥0.99	≥0.99	≥0.99	
Max.Output Current 66A 80A 133A DC Output Max.Output Power DC20kW DC30kW DC40kW Voltage Accuracy ≤±0.5% ≤±0.5% ≤±0.5% Current Accuracy ≤±1% ≤±1% ≤±1% User Interface & Control Display 10.1" touch screen Screen Material LCD Push Buttons Operation buttons/Emergency buttons User Authentication RFID,OCPP,QR code,Password,Application Support language English (Other languages available upon request) Communication External Ethernet,WIFI Internal CAN,RS485,RS232 Environmental Operating Temperature -30 € ~ +50 € Humidity <95% relative humidity, non-condensing Altitude ≤2000m(6000 feet) Mechanical Ingress protection IP55 Enclosure Protection IK10 Cooling Air forced Installation Method Wall-mount / Stand-pile		Efficiency	≥95%	≥95%	≥95%	
DC Output Max.Output Power DC20kW DC30kW DC40kW Voltage Accuracy ≤±0.5% ≤±0.5% ≤±0.5% Current Accuracy ≤±1% ≤±1% User Interface & Control Display 10.1" touch screen Screen Material LCD Push Buttons Operation buttons/Emergency buttons User Authentication RFID,OCPP,QR code,Password,Application Support language English (Other languages available upon request) Communication External Ethernet,WIFI Internal CAN,RS485,RS232 Environmental Operating Temperature -30 C ~ +50 C Humidity <95% relative humidity, non-condensing		Output Voltage Range	200V-1000V	200V-1000V	200V-1000V	
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Current Accuracy ≤±1% ≤±1% ≤±1% User Interface & Control Display 10.1" touch screen Screen Material LCD Push Buttons Operation buttons/Emergency buttons User Authentication RFID,OCPP,QR code,Password,Application Support language English (Other languages available upon request) Communication External Ethernet,WIFI Internal CAN,RS485,RS232 Environmental Operating Temperature -30 C ~ +50 C Humidity <95% relative humidity, non-condensing Altitude ≤2000m(6000 feet) Mechanical Ingress protection IP55 Enclosure Protection IK10 Cooling Air forced Installation Method Wall-mount / Stand-pile Protection	DC Output	Max.Output Power	DC20kW	DC30kW	DC40kW	
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Display Screen Material LCD Push Buttons Operation buttons/Emergency buttons User Authentication RFID,OCPP,QR code,Password,Application Support language English (Other languages available upon request) Communication External Ethernet,WIFI Internal CAN,RS485,RS232 Environmental Operating Temperature -30 C ~ +50 C Humidity <95% relative humidity, non-condensing Altitude ≤2000m(6000 feet) Mechanical Ingress protection IP55 Enclosure Protection IK10 Cooling Air forced Installation Method Protection Over surrent, Under vertene, Over vertene Residuel current		Current Accuracy	≤±1%	≤±1%	≤±1%	
Screen Material Push Buttons Operation buttons/Emergency buttons User Authentication RFID,OCPP,QR code,Password,Application Support language English (Other languages available upon request) Communication External Ethernet,WIFI Internal CAN,RS485,RS232 Environmental Operating Temperature -30 C ~ +50 C Humidity <95% relative humidity, non-condensing Altitude ≤2000m(6000 feet) Mechanical Ingress protection IP55 Enclosure Protection IK10 Cooling Air forced Installation Method Protection Over surrent, Under vertere, Over vertere, Besiduel current	User Interfa	ace & Control				
Push Buttons User Authentication RFID,OCPP,QR code,Password,Application Support language English (Other languages available upon request) Communication External Ethernet,WIFI Internal CAN,RS485,RS232 Environmental Operating Temperature -30 ℃ ~ +50 ℃ Humidity <95% relative humidity, non-condensing Altitude ≤2000m(6000 feet) Mechanical Ingress protection IP55 Enclosure Protection IK10 Cooling Air forced Installation Method Wall-mount / Stand-pile Protection	Display		10.1" touch screen			
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Support language English (Other languages available upon request) Communication External Ethernet,WIFI Internal CAN,RS485,RS232 Environmental Operating Temperature -30 °C ~ +50 °C Humidity <95% relative humidity, non-condensing	Push Buttons		Operation buttons/En	nergency buttons		
External Ethernet, WIFI Internal CAN,RS485,RS232 Environmental Operating Temperature -30 C ~ +50 C Humidity <95% relative humidity, non-condensing Altitude ≤2000m(6000 feet) Mechanical Ingress protection IP55 Enclosure Protection IK10 Cooling Air forced Installation Method Wall-mount / Stand-pile Protection	User Auther	ntication	RFID,OCPP,QR code,Password,Application			
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Internal CAN,RS485,RS232 Environmental -30 °C ~ +50 °C Operating Temperature -30 °C ~ +50 °C Humidity <95% relative humidity, non-condensing	Communic	ation				
Environmental Operating Temperature -30 °C ~ +50 °C Humidity <95% relative humidity, non-condensing Altitude ≤2000m(6000 feet) Mechanical Ingress protection IP55 Enclosure Protection IK10 Cooling Air forced Installation Method Wall-mount / Stand-pile Protection Over current Under veltage, Pacidual current	External		Ethernet, WIFI			
Operating Temperature -30 °C ~ +50 °C Humidity <95% relative humidity, non-condensing Altitude ≤2000m(6000 feet) Mechanical Ingress protection IP55 Enclosure Protection IK10 Cooling Air forced Installation Method Wall-mount / Stand-pile Protection Over current Under voltage, Over veltage, Recidual current	Internal		CAN,RS485,RS232			
Humidity <95% relative humidity, non-condensing Altitude ≤2000m(6000 feet) Mechanical Ingress protection IP55 Enclosure Protection IK10 Cooling Air forced Installation Method Wall-mount / Stand-pile Protection Over ourrent Under voltage, Over veltage, Recidual current	Environme	ntal				
Altitude ≤2000m(6000 feet) Mechanical Ingress protection IP55 Enclosure Protection IK10 Cooling Air forced Installation Method Wall-mount / Stand-pile Protection Over ourrent Under voltage Over veltage Recidual ourrent	Operating T	emperature	-30°C ~ +50 °C			
Ingress protection IP55 Enclosure Protection IK10 Cooling Air forced Installation Method Wall-mount / Stand-pile Protection Over ourrent Under voltage Over veltage Recidual current	Humidity		· · · · · · · · · · · · · · · · · · ·			
Ingress protection IP55 Enclosure Protection IK10 Cooling Air forced Installation Method Wall-mount / Stand-pile Protection Over current Under voltage Over veltage Recidual current	Altitude		≤2000m(6000 feet)			
Enclosure Protection IK10 Cooling Air forced Installation Method Wall-mount / Stand-pile Protection Over ourrent Under voltage Over voltage Recidual current	Mechanica	I				
Cooling Air forced Installation Method Wall-mount / Stand-pile Protection Over current Under voltage Over voltage Recidual current	Ingress prot	ection	IP55			
Installation Method Wall-mount / Stand-pile Protection Over current Under voltage Over voltage Recidual current	Enclosure Protection		IK10			
Protection Over ourrent Under voltage Over voltage Recidual current	Cooling		Air forced			
Over current Under voltage, Over voltage, Recidual current	Installation Method Wall-r		Wall-mount / Stand-p	Wall-mount / Stand-pile		
Protection Over current, Under voltage, Over voltage, Residual current,	Protection					
Surge protection, Short circuit, Over temperature, Ground fault	Protection					
Regulation						
Certificate CE	Certificate CE		CE			
Standard EN IEC-61851-1:2019; EN61851-23:2014; EN 61851-24:2014; EN IEC 61851-21-2:2021	Standard			N 61851-24:2014;		
Optional Config						
Network Gateway 4G	Network Ga	nteway	4G			

 ~ 6



3. Charging Module Address Code Setting

Each charging module has the unique address code. The address code must be strictly set based on the specification or the charging station cannot run normally. Under normal circumstance, the address code is set in advance.

3.1 Module Guidance

The module voltage, current, fault code, address, group number, communication protocol, operation mode and other information can be displayed. If the key is not operated for more than one minute, the output voltage of the rectifier module will be displayed automatically. At this time, if there is an alarm, the fault code information will be displayed. The voltage display accuracy is \pm 2V, and the current display accuracy is \pm 0.2A.

The module protection/alarm information was displayed on the LED in real time in the form of fault code. The fault code is shown in the following table:

Fault code	Code meaning		
E00	ОК		
E01	Output under-voltage		
E02	Module ring temperature and internal Temperature over or under temperature		
E03	AC input over-voltage or under-voltage		
E06	Output over-voltage		
E07	Serial number repeat		
E08	Fan fault		
E14	Relief valve fault		
E15	PFC voltage unbalance warning		
E16	Abnormal output		
E17	Emergency stop		
E18	Short circuit		

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3.2 Module Indicator Instruction

The LED lights in three colors are used to display the working status of the module. Corresponding status of the module shown as below:

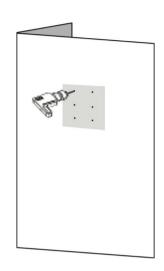
LEDindicator light	Module Status	LEDStatus	Description
Green	Power indicator	on	Normal charging status
		flash	Communication with monitoring or background; monitoring or background placed the DCDC shut order
Yellow	Safety indicator	on	Power Derating due to input AC voltage phase failure and temperature; Serial number repeat
		off	Normal charging in Automatic mode
		flash	Normal charging in manual mode
Red	Fault indicator	on	EEPROM fault; Fan drive fault; AC input over-voltage or under-voltage; AC input under-phase; Internal over temperature; Abnormal communication between primary side and secondary side; AC output over-voltage or under-voltage; AC over-voltage disconnection;
		off	ОК
		flash	Fan does not work



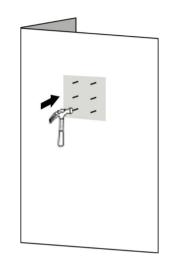
4. Installation

The diagram only shows the installation method of the wall-mounted charger with single charging port. The installation method is same for the wall-mounted charger with dual charging ports.

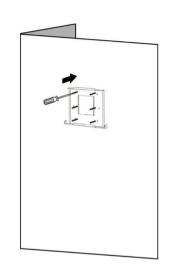
4.1Wall Mounted Installation



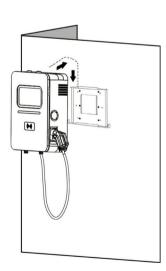
1. Select the appropriate installation position and punch the screw hole position according to the mounting plate mark.



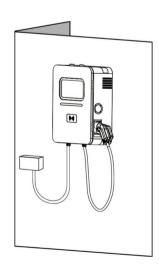
2. Knock the expansion pipe into the hole



3. Use M10/M12bolts to horizontally fix the mounting plate to the wall.

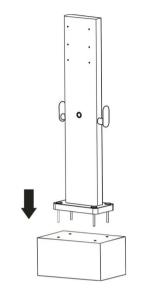


4. Hang the charger on the mounting plate.

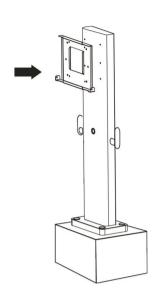


5. After installation, connect the incoming line (3 * 16mm² +2 * 10mm²) to the power supply.

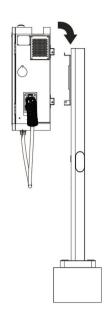
4.2 Column Installation



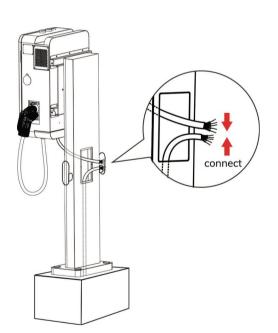
1.Installthe column in place



2. Use M10/M12bolts to fix the mounting plate on the column (holes are reserved on the column).



3. Hang the charger on the mounting plate.



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

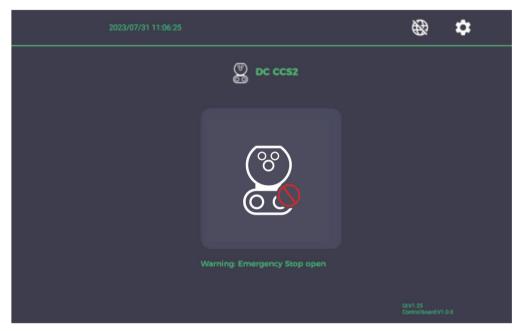


5. Operating Guidance

5.1 Operating Procedure

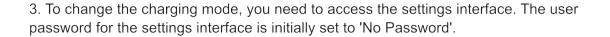
The diagram only shows the operation interface of CCS2 connector. The operation procedure is same for other types of connector.

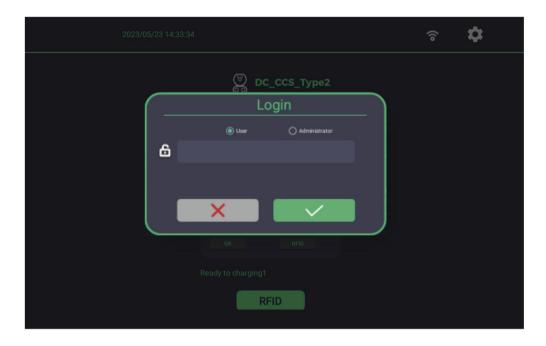
1. After powering on, please check if the communication is normal and whether pressing the emergency stop button displays as follows. If the emergency stop status is not shown, it indicates a communication abnormality between the screen and the main control board. Please contact technical support for assistance.



2. By default, the charging mode is set to RFID mode, as shown in the following figure. Click the "Start Charging" button to display the card swiping interface, which can only be activated by swiping the card. (Before starting card swiping, the charging station needs to be connected to the Teison platform.)







4. The settings accessible to the user include General Settings, Network Settings, OCPP Settings, Device Information, and Records.





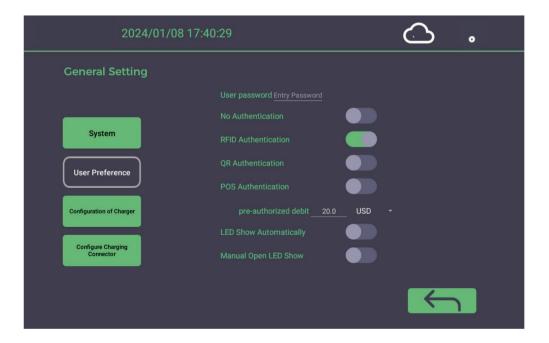


5. General Settings are divided into System Settings, User Preferences, Charging Station Configuration, and Charging connector Configuration.

System settings include brightness adjustment, full screen display, language configuration, time zone setting, and screen restart. As shown in the following figure.



• User preferences include password settings and four charging modes (with POS machines being a non-standard option). After enabling anonymous charging, other charging modes will not be available. Models that support POS machines will have POS machine authentication options. When using a POS machine, it is necessary to authorize a debit of a specified amount in advance. The LED strip setting function is only available on models with customized strip functions. This option is not displayed on regular models.



• The charging station configuration includes "advertising playback" and "plug and charge" functions (plug and charge function is a customized function).



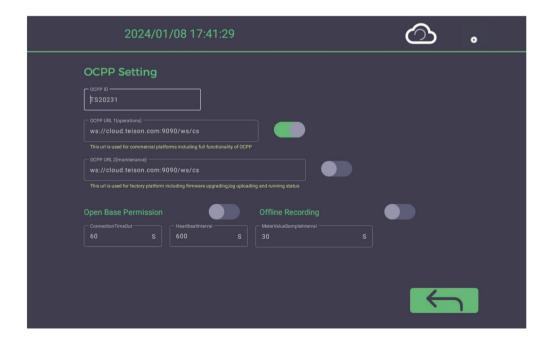
- A. The "advertisement playback" function requires:
 - (1) . Activate the local playback button
 - (2) . Import the video that needs to be played
 - (3) . Set the playback path
 - (4) . Set the idle time to start playing
 - B. Plug and play is a custom feature that regular products do not support. (Need to upgrade the main control board program implementation)



Charging connector Configuration allows you to set the maximum power, maximum voltage, minimum voltage, QR code, whether to enable Base64 encoding for QR code, and the billing price per kWh.

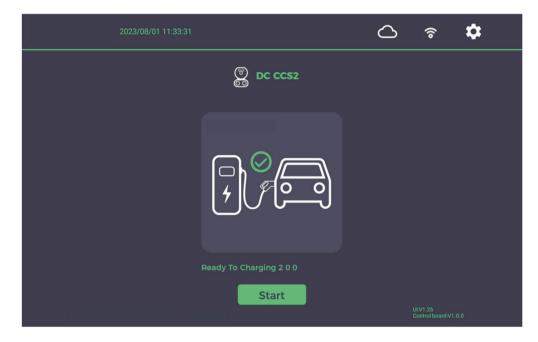


6. OCPP settings include: charging station ID number, UL1 OCPP platform connection address, UL2 OCPP platform connection address, basic identity verification, and offline recording function.



A.Cloud platform connection supports dual platform simultaneous connection. UL1 has functions such as remote control of charging stations, access to charging logs, charging data, charging status, and remote firmware upgrades; UL2 only supports remote firmware upgrade, access to charging logs, and access to charging status. (UL2 connection platform function, UL1 platform must be turned on to work)

B.After completing the settings, click the OCPP Start Button. Return to the main interface to check whether there is a cloud icon displayed. If UL1 and UL2 are successfully connected, two clouds will appear

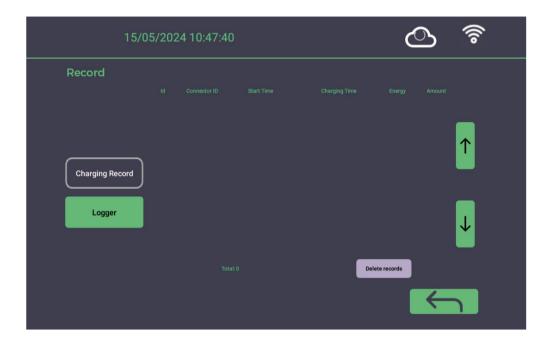


7. Device information: Display Android UI firmware version, OCPP protocol version, main control board version, and local firmware upgrade.





- 8. Charging records: The device stores charging records and logs
- A. Support querying the charging date, charging time, charging power, and charging amount for each order.
- B. Support querying charging logs for charging stations and exporting them locally using a USB drive.





5.2 POSmachine usage guide (optional)

5.2.1 Set up POS payment



Click on the " " button in the upper right corner of the screen





Select the "User" identity, and directly click login without password to enter

Click on "General Settings"





Open the 'Authenticate POS' button and set the pre authorization amount in local currency.

The pre authorization amount is a temporary amount reserved from the verified account before the start of charging, used to pay the charging fee.

If the charging amount exceeds the pre authorization, the charging will automatically stop. If it is lower than the pre authorization, only the actual charging amount will be charged.







Insert the charging connector and select the corresponding payment method

Please swipe your card at the POS machine



Wait until the POSmachine prompts that the startup is complete, and the Charging station starts charging



When the vehicle is fully charged, it will automatically stop and deduct fees.







Pressthe "stop" button to stop charging, swipe the card again, and the POSmachine will automatically settle the amount



^{*} If you make any changes to the settings in the Android system, you will need to restart the 'chargerpointer' app.



5.3 Park & Plug APPManual

5.3.1 Introduction

Park&Plug APP is a charging point management APP.

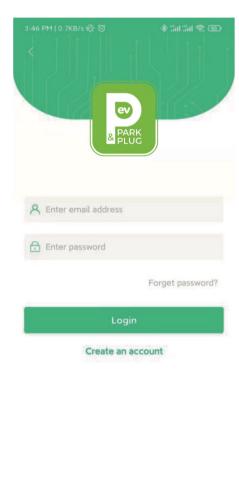
Park&Plug APP consists of two modules, Home and Commercial.

In the Home mode, you can control the Park&Plug Sparq smart wallbox charger. In the Commercial mode, you can control the OCPP charger.

5.3.2. Login/Register/Forget Password

On the first page of Park&Plug APP, select the commercial, If you have not logged in before, the login page is displayed; otherwise, the main page is displayed. Enter your account email and password to login.

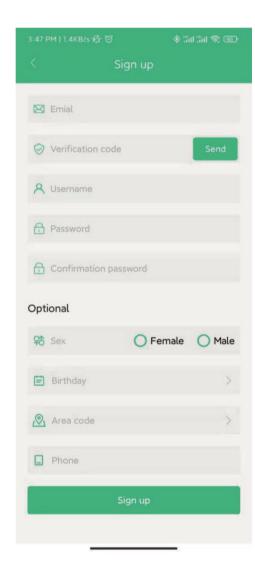


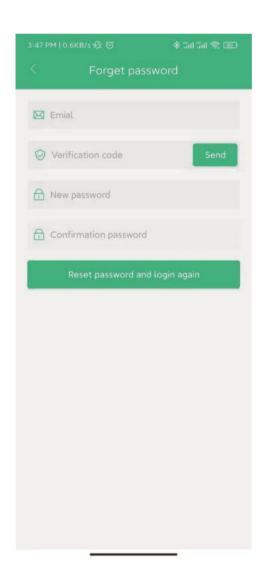


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If you don't have an account, you can set up one first. In Sign up page, enter email, verification code(send via email), username and password and so on. After successful registration, log in to the system.

If you forget your password, you can use forget password to reset your password.





5.3.3 Home(Main)

I.Search for locations on Google Maps or Apple Maps

II.Locate the current location

III.Click the charging station icon to view information about the charging station

IV.Multi-condition find charging station

V.Charging station Collection and Device Collection

VI. View charging stations by list







By default, the charging station near the current location is displayed, If you want to search for a specific location, you can search the address bar above.

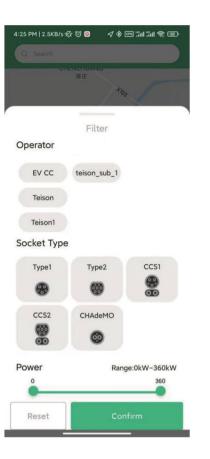
Click icon 4, you can search the charging station in pop-up by condition of Operator,Socket Type,Power.

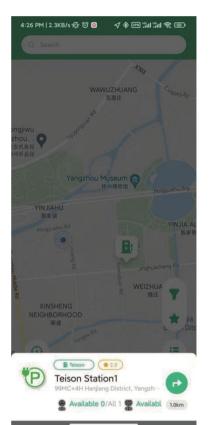
Click icon 3, you can see the charging station detail in pop-up. Such as station name, operator, score, address, socket type and number, distince. And by click naviga-

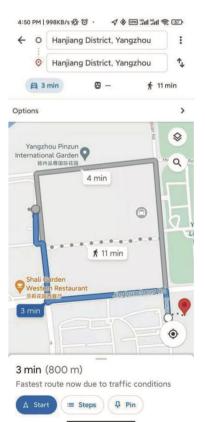
tion icon, the Google/Apple Map popup navigation information; click station name you will enter the charging station details page.

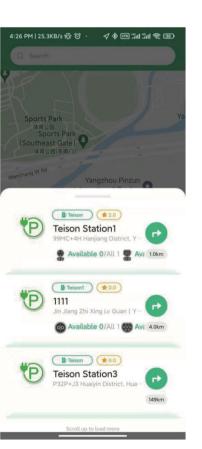
Click icon 6, you will view all the charging station by list. Click station name you will enter the charging station details page.

Click the scan button at the bottom of the screen to scan the QR code of charging point and enter the charging point details page.







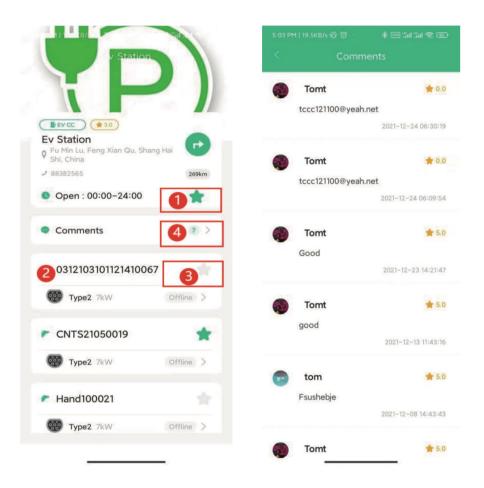




5.3.4. Charge Station

On the charging station details page, you can view the basic information of the charging station, the comment information of the charging station, the information of the charging point, and carry out relevant operations.

I.Clickicon 1, you can add or cancel the charging station in to collection II.Clickicon 2, you will enter charging point detail page III.Clickicon 3, you can add or cancel the charging point in to collection IV.Clickicon 4, you will enter charging station comments page, you can see all the comments of the charging station



5.3.5. Charging Connector

On the charging connector details page, you can view the basic information of the charging connector, including the serial number, type, power and status, as well as the charging strategy and payment method of the charging connector.

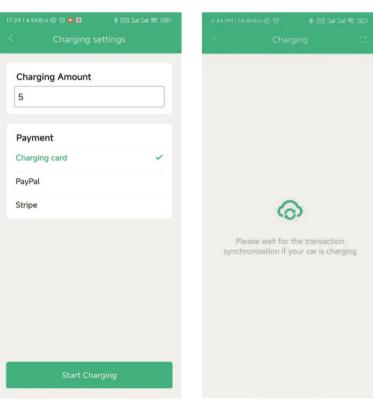
If the charging connector is in Preparing status, you can click 'Start Charging' to enter charging page. If the charging connector is not correct, you can drop down to refresh the page.



5.3.6. Charging

On the charging Settings interface, you can choose payment method, including Charging Card, Paypal and Stripe.

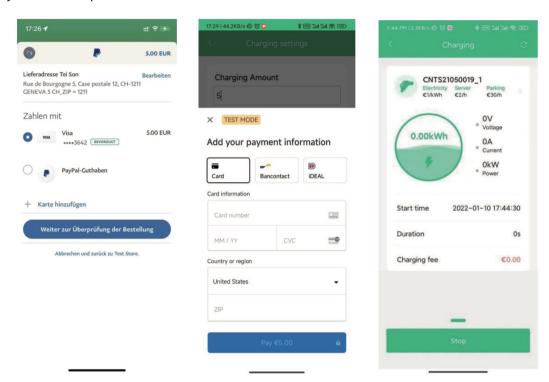
Fill in the charging amount which should not be less than that prompted by the system, and then click 'Start Charging'.



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If PayPaland Stripe payment method have not been set up before, please enter PayPaland Stripe interface to bind credit card first.



After starting charging, you will enter the charging details interface, where you can view real-time charging information, such as voltage and current power, charging start time, charging duration, and the amount of charge consumed. Click the Stop button when you want to stop the current charging.

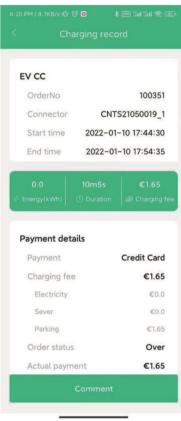
5.3.7.Record

View the list of all charging records, and sort them by date, charging quantity, charging time and power consumption. Click one record to enter the page of charging record details.

On the charge Record details page, view all the detailed information about the charge record.

On the charging record page, click Statistics in the upper right corner to enter the charging data Statistics page. View the last three months or three years of charging statistics.







5.3.8.Account

I.Clickicon 1, enter 'Personal infomation' page.

II.Click icon 2, enter 'Message' page.

III.Clickicon 3, enter 'My Collection' page.

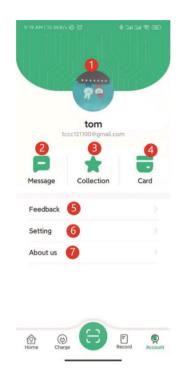
IV.Click icon 4, enter 'My Charging Card' page.

V.Click icon 5, enter 'Feedback' page.

VI.Clickicon 6, enter 'Setting' page.

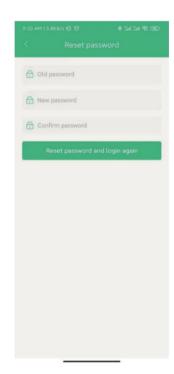
VII.Clickicon 7, enter 'About us' page.



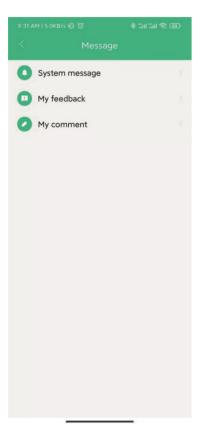


On Personal information page, View all personal information, click your profile picture, upload a new picture to modify your profile picture. Click Logout button to exit the current login, and click Reset Password to enter the interface for changing the Password. Enter the old Password, new Password, and new Password to confirm changing the login Password.



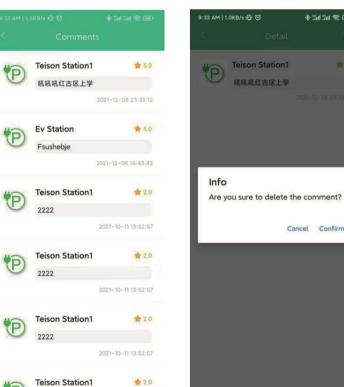


On the messages page, view system messages, my feedback, and my comments. Comments can be deleted on the comment details page.





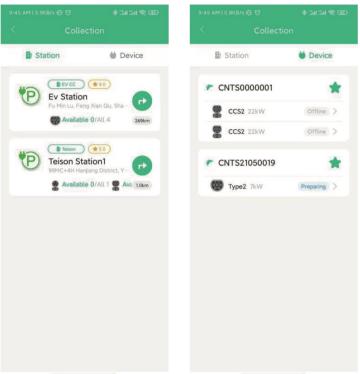




Cancel Confirm

On my Collection page, view a list of all my favorite charging stations and a list of all my charging guns, click to enter the details page..

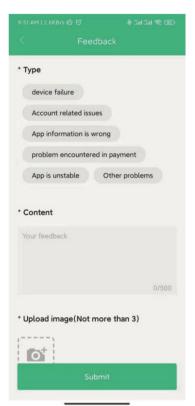




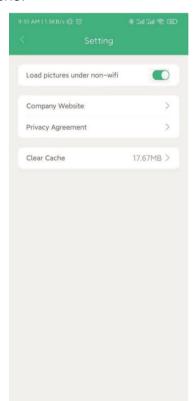
On my charging card page, view all my charging cards, including charging card number, balance, status, etc.



On my feedback page, add feedback, select feedback type, input feedback content, upload pictures.



On the Settings page, you can set the image to be displayed only in wifi environment, visit the official website, check the Privacy policy and clear the cache.





Checkout the Version of My Teison on the About Uspage.



6. Transportation and preservation

I.It is recommended to use a forklift for loading work.

II.A lifting ring mounting hole is reserved at the top of the charger.

III.Do not stack the charger during transportation.

IV.Please bundle the equipment securely during transportation to prevent dumping.

V.Please keep the outer packaging of the equipment until the installation site, so as to protect the charger's enclosure.

VI.Keep the packaging film of the device when long-term storage for moisture protection.

VII. The charger must be erected to prevent tilting or lying on the side.

VIII.Prevent heat source away to the charger.

IX.Store the equipment indoors, keep the environment dry and ventilated, and keep away from the water source.

leading the charge

7. General Troubleshooting

Trouble shooting No.	Fault phenomenon	Solution
1.	No display	I.Open the rear door to check the power supply wiring and contact. II.Open the front door to check the touch screen 2-pole power connector contact. III.Open the rear door and check the 10A fuse at the bottom of the cabinet by multimeter.
2.	Unable to charge	I.Checkthe emergency stop button. If it is pressed, releaseit in the direction of the arrow. II.Checkthe charging connector is in a good contact to EV. III.Open the front door and observe whether the POWER indicator of the power module is alwayslight. IV.Open the rear door and check whether the input power of the power module is in a good contact. V.Checkthe corresponding circuit breaker of power module at the bottom of the cabinet tripping or not.
3.	No output under charging process	I.Open the rear door and check the corresponding DC contactor failure of the charging connector by multimeter. II.Open the rear door and check the corresponding fuse of the charging connector by multimeter.
4.	Insulation error	Check whether the insulation of the DC bus is in a normal status.
5.	Electricity meter commu- nication failure	Open the rear door and check whether the RS485 connector of the meter is in good contact.
6.	Upriver power supply tripping frequently	I.Checkwhether the upriver circuit breaker is in a good condition. II.Replacethe upriver circuit breaker to a larger rated current if the rated current is too small.

Warning:
Withdraw the charging connector before electrical maintenance work!
Be sure to cut off the circuit breaker of the charger cabinet and the upriver circuit breaker before electrical



8. Maintenance and After-sales Service

Due to the influence of ambient temperature, humidity, dust and vibration, the components inside the charging station will be aging and wearing out, which will lead to the potential fault of the charging. Therefore, it is necessary to carry out daily and regular maintenance of the charging station to ensure its normal operation and service life.



Danger

- Only professional electricians or qualified personnel are allowed to operate;
- When maintaining or repairing the charging station, cut off the power supply of the incoming line and check components with high voltage and temperature to ensure safety before any operation;
- During equipment maintenance, take necessary protective measures to prevent the equipment from being powered on by mistake. Attach conspicuous maintenance labels and take isolation and protective measures for live parts
- Do not leave screws, washers and other metal parts in the charging station and take a comprehensive inspection after the maintenance.

8.1Fault Handling



Danger

Note: common faults include user operations and device faults
Only professional electricians or qualified personnel are allowed to operate

	Issue	Reason	Handling Method
	No respond- ing after plugging in the charging gun	The charging gun didn't fit properly	Re-plug in
		Vehicle ACC on or off (depending on the model of the vehicle)	Turn off or on vehicle ACC
		Device fault	Contact charging station supplier
Hoor	Low charging current	Large SOC of the vehicle	Normal
User Operations		Battery in self-protection state under low temperature	Warm up for a while to restore the current
	Emergency stop button pressed	Pressed by mistake	Release the button
	No responding after swiping the card	Not aligned to the card swiping area	Aligning to the card swiping area
		Far away from the card swiping area	Get closer
		Device fault	Contact charging station supplier

leading the charge

	Abnormal charging startup	BMS voltage setting error	Re-set according to the vehicle model
		Abnormity of vehicle battery voltage	Contact vehicle supplier
		Device fault	Contact charging station supplier
	Background	Network fault or bad signal	Check network
Device Faults	communica- tion failure	Insufficient traffic or network payment overdue	Recharge
	Input over/under voltage Output over current	Grid fault	Check the grid
		Parameter setting erro	Check the parameter setting
	Charging module fault	Loose of charging module or cable	Re-connect the module or cable
		Charging module damage	Replace charging module
	Fan not working	The temperature did not reach	Check if temperature sensor