



G Series 7kW Charger EU Standard

- ⚡ RFID version(Default status)
- ⚡ APP version
- ⚡ Plug and Charge for option
(Change the charging mode in APP)

User manual

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Multinational language

ES: Para otros idiomas, escanee el código QR.

PT: Para outras línguas, digitalize o código QR.

TH: ภาษาอื่นๆโปรดสแกนรหัสQR-Code



<https://aossPIC10001.websiteonline.cn/pmo33f007/doc/GMWGseriesonlineRFID.pdf>

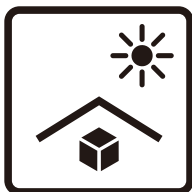
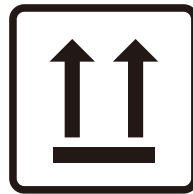
Contact us:

Web: <https://www.zdenenergy.com/>

Mail: service@zdenenergy.com

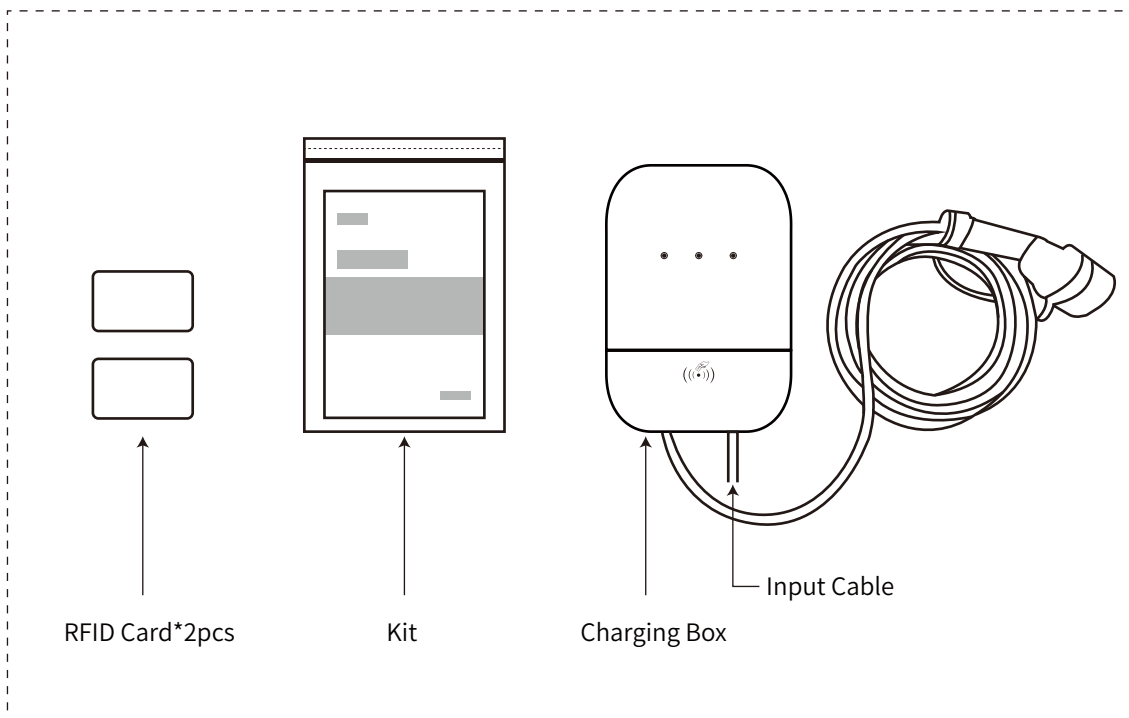
Safety Precaution

1. Carefully read the user manual before installing and using the product.
Ignoring precautions may result in serious injury or damage.
2. Only a qualified electrician should install and maintain the charger.
Untrained individuals should not perform these tasks.
3. Improper installation or repairs can be hazardous and may increase the risk of fire.
4. Improper installation and repair will invalidate the product warranty.
5. Avoid disassembling the product. Improper re-assembly could lead to damage, leaks, and water ingress.
6. Ensure the power supply is disconnected and the switch is off before any installation or maintenance.
7. Do not use the product with any charging adapters or converters.
8. It is required to install with a dedicated Micro Circuit Breaker (MCB) and a Residual Current Device (RCD) for safety.



Packing List

Please check the content inside the box.



Composition of the Kit

User Manual * 1

Quality Certificate * 1

M4 * 6, pan head screw * 2

ST6*60, Hex Flange Screw* 4

Φ8*60, Expansion Tube * 4

Product Features

Specifications	
Model	ZDA4-DC1-C12E/ZDA4-DC1-C11E
Rated Voltage (V)	230V
Rated Current (A)	32A
Maximum Output Power	7kW
Cable Width	3×6mm ²
Frequency (Hz)	50Hz/60Hz
Working Altitude	≤3000m
Charging Mode	Mode 3
Dimension	310×210×90mm (without cable)
Weight	3.5kg
Operating Temperature	-40 °C to 55 °C
Storage Temperature	-40 °C to 85 °C
Certifications	IEC 61851-1, IEC 61851-22, IEC 62196-2
Connector Type (IEC 62196-2)	Type 2
Ingress Protection	IP55/IK10
Residual Current(DC)	6mA
Residual Current(AC)	30mA
Network connecting	WiFi, Bluetooth
Start/Stop Method	<ul style="list-style-type: none">• Authenticated by RFID card, swipe the card to start and stop charging.• APP

Installation Environment Requirements

The charger installation environment should meet the following conditions:

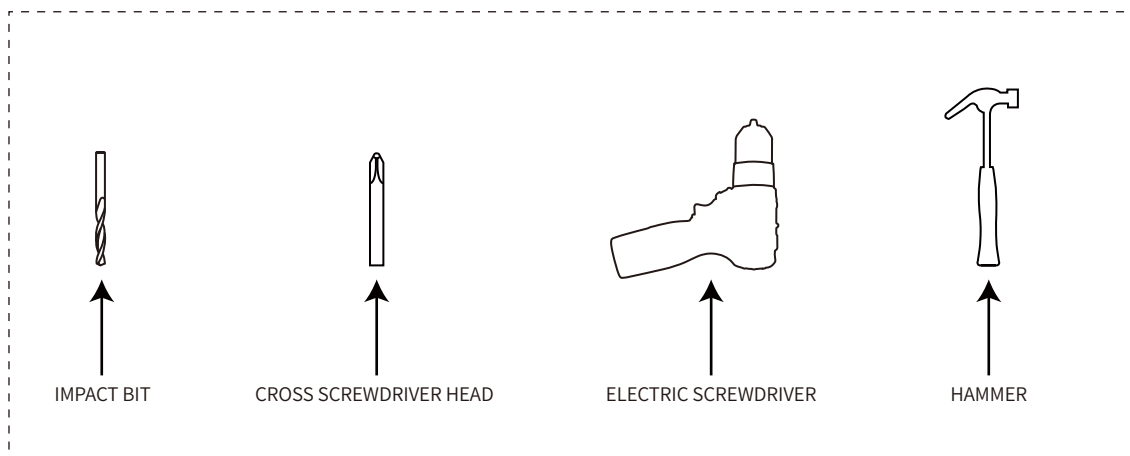
1. A location that offers a suitable cable length for easy charging access.
2. At least 1.3 meters above the ground.
3. Minimum clearance of about 50cm around the charger when wall-mounted.
4. A well-ventilated area to allow for proper heat dissipation.
5. An open area with no obstructions.
6. Avoid hazardous areas prone to electrical shocks or the presence of flammable or explosive materials.
7. Avoid areas that are likely to flood, or have accumulation of water.

Install Process

Only a qualified electrician should install and maintain the charger.
Untrained individuals should not perform these tasks.
Improper installation and repair will invalidate the product warranty.

1. Installation tools

The picture below are the tools you need for installation.



2.Installation steps

Tips

1.Don' t arbitrarily remove the power supply cable attached to the equipment, as it is part of the product. ZEEDA will not be responsible for product warranty if the cable is removed without authorisation. The power supply cable can be directly installed on the RCD without additional wiring.

2.If it is necessary to open the housing and replace the power supply cable for special reasons, please select cables and terminals (RNY L5.5-4) that meet the specified wire gauge (3x6mm²) and perform crimping. Once the equipment is disassembled after crimping, any issues arising from improper installation will be the sole responsibility of the customer,



(RNY L5.5-4)

If you want to replace the power input line by yourself, please wire it in the order shown in the diagram



3. If thunderstorms are common in the area, please install surge protectors according to actual environmental requirements. The specific model should be recommended by local electricians, We recommend the spec of 2P 275V 20kA.

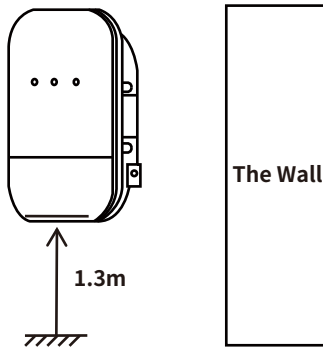


4. For external RCD(residual current operated protective device), please select Type A leakage protection devices. Specific standards and models should comply with local installation regulations. We recommend the spec of 2P 40A 275V.

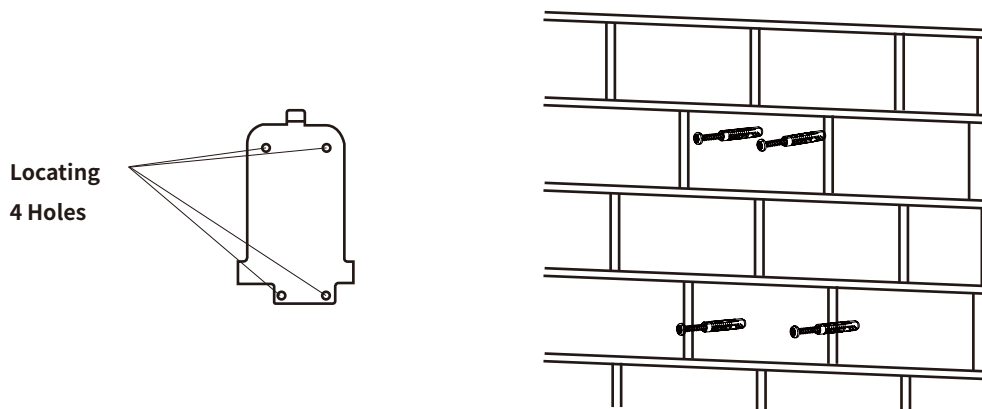


2.Installation steps

- a.Confirm the charger's location and mark it. The station's center must be installed at least 1.3 meters above the ground.

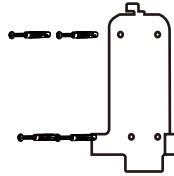


- b.Align the four locating holes on the hanging plate, then mark the wall. Drill a 60mm-deep hole at each mark and insert four $\Phi 8 \times 60\text{mm}$ expansion pipes.

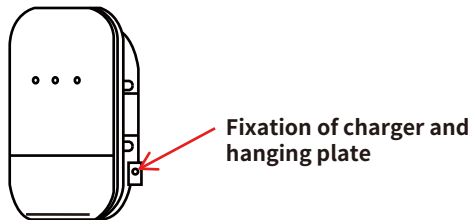


2.Installation steps

c. Secure the hanging plate to the wall using four M6 x 60mm cross-slot tapping screws, aligning them with the expansion pipes.



d. Hang the charger with the attached power line on the hanging plate. Secure the charger to the plate with two M4 x 6 cross-recessed pan head screws on each side. Upon tightening, the installation is complete.



Operation Instruction



Inspection Before Charging

Check the charging cable and connector for damage, ensuring no foreign objects, water, or impurities are present.



Connecting to Vehicle

Attach the charging connector to the vehicle and wait for the light indicator to flash green slowly, signaling it's ready to charge.

You can choose one of the following methods to authenticate or stop charging

- Charge with RFID



Swipe an RFID card near the RFID Reader to start the charging process and swipe the RFID card again to stop the charging process

- Charge by APP



Click the 'Start charging' Button to start the charging process, and click the 'Stop charging' Button to stop the charging process.



Charging Indicator

During charging, the blue and green lights will remain illuminated.



Stop Charging

- 1.If the electric vehicle has been fully charged, the charger will automatically stop without operation.
- 2.After stop the charger, the light will turn green.
- 3.Unplug and close the charging port.
- 4.Secure the plug and coil the cable on the holder.

Charging APP

Currently the charger requires you to scan RFID card every time as authentication to charge your vehicle. If you like to charge without scanning RFID card, you can change the charging mode to “Plug and Charge” in “ZeedaEnergy” app. The ZeedaEnergy app is available from Apple and Android stores.

EN: Please scan the QR code to download the APP.

ES: Por favor, escanee el código QR para descargar la APP, a continuación, puede descargar la guía del usuario.

PT: Leia o código QR para baixar o aplicativo e, em seguida, baixe o guia do usuário.

TH: คุณสามารถดาวน์โหลดแอปพลิเคชันและวิธีการใช้งานผ่านQR codeด้านล่าง .

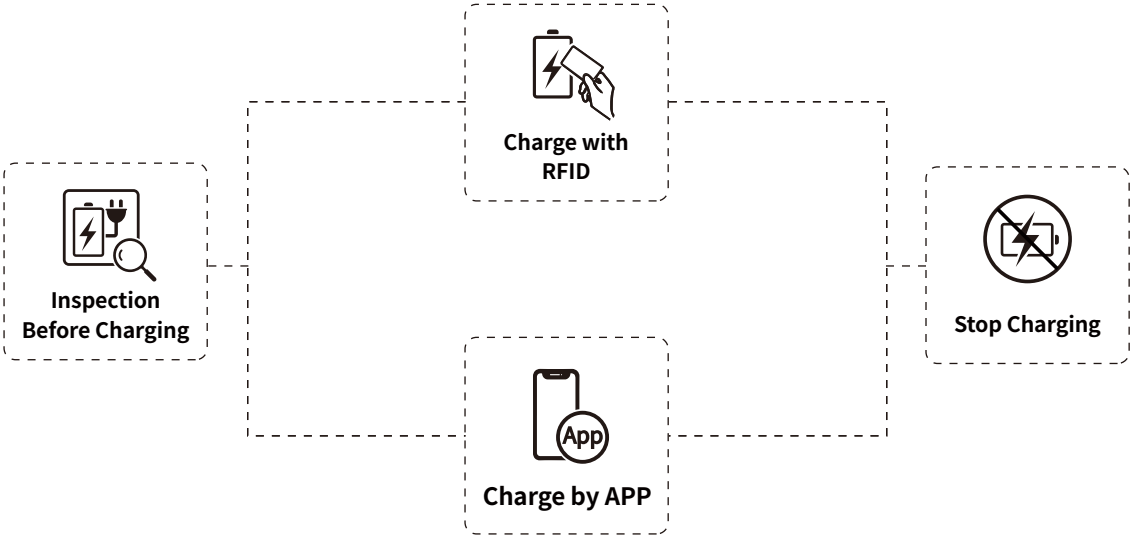







IOS



Android

Operation Flow



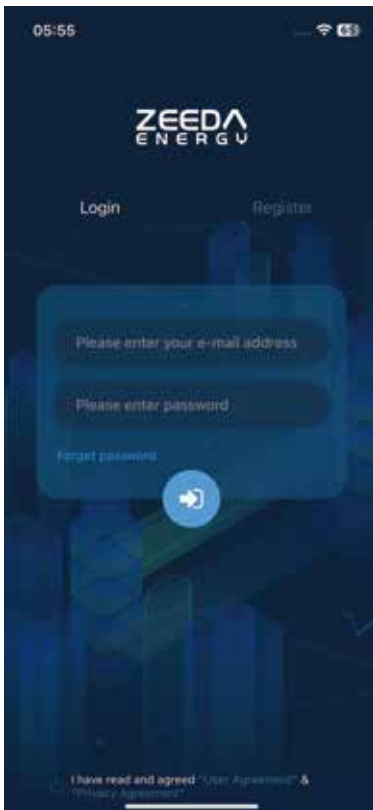
Indicator Status		Charging Status	Next Step
	Green light stays on	Standby mode	Connect the charging plug to vehicle
	Green light flashing slowly	Vehicle-connector connected	Swipe the RFID card to start charging
	Green light flashing quickly	Waiting for charging	Waiting for the vehicle to start
	Green and blue light stays on	Charging	Swipe the RFID card to stop charging
	Red light flickering	Error alert	Check the troubleshooting chapter in this manual for solutions. Or contact the supplier of our product

ZEEDAENERGY Charging App Operation Manual

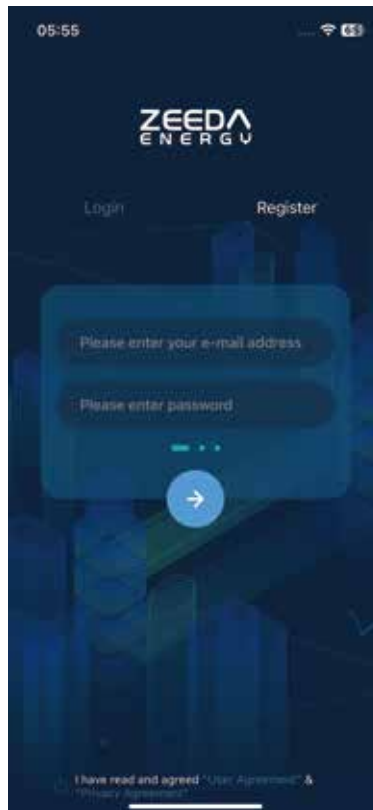
1.Login/Register

1.1 Registration

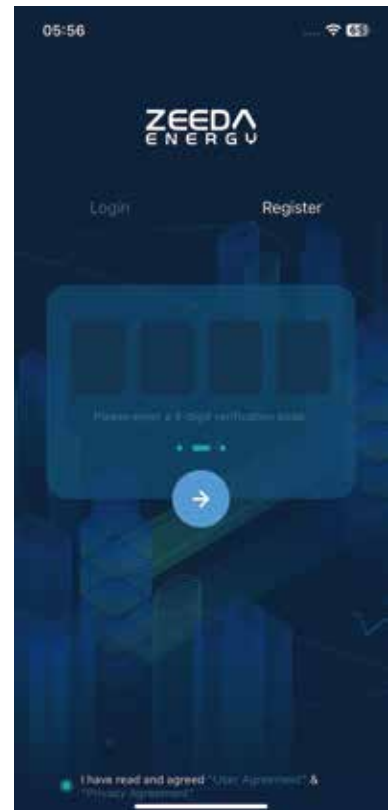
- ① Users need to register by using their email address. After filling in the registered email address and login password, a 4- digit verification code will be sent to you via email.
- ② Then enter the verification code is entered and the verification is passed, the user registration is successful.
- ③ Fill in the registered email address and password, then check the box to agree to the ‘User Agreement and Privacy Policy’ to complete the login.
- ④ Then you will enter the main interface.



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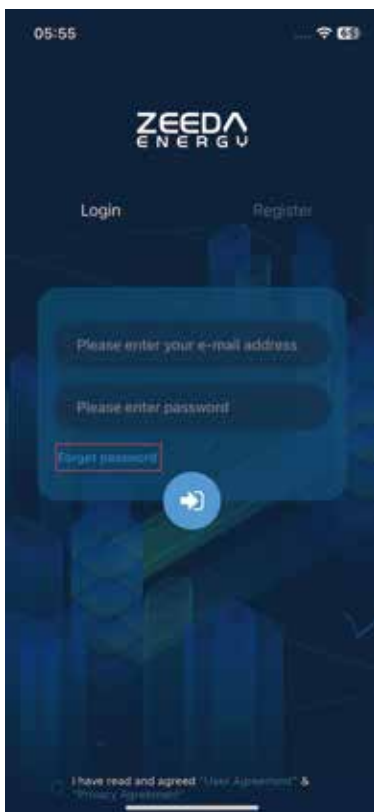
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1.2 Forget Password

- ① If the user forgets the login password, please reset the login password through the password retrieval function.
- ② Enter your email address, a 4- digit verification code will be sent to your e-mail.



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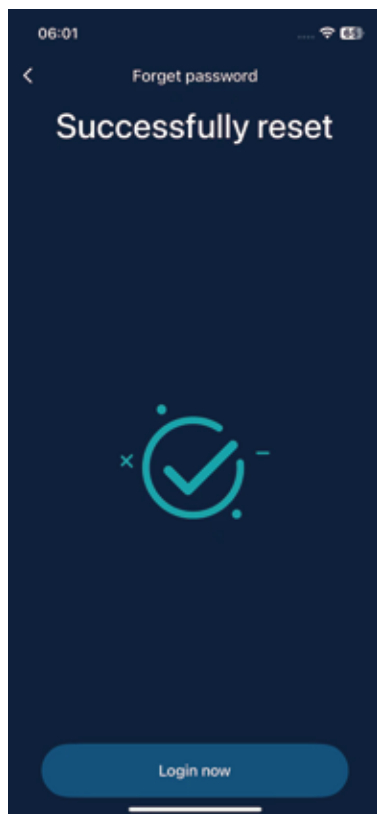
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③-1



③-2



③-3

2. Binding the charger

①After logging into the APP , click " + " to bind the charger.

②To bind a charger, the charger needs to be powered on, the mobile phone Bluetooth is turned on, and the charger is within the mobile phone Bluetooth connection range.

③Bind the charger by scanning the QR code on the nameplate on the side of the charger, or the QR code on the front, or manually entering the station code.



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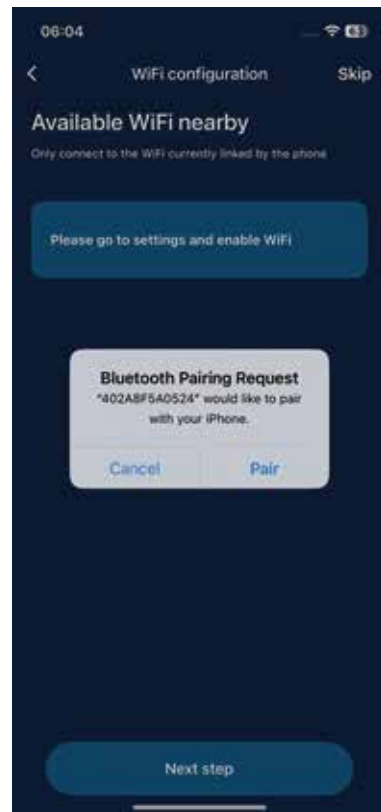
④For the first-time connection, Bluetooth pairing is required.

-The iOS version of the app only searches for the Wi-Fi that the phone is currently connected to .

-Android can search for all nearby Wi-Fi .

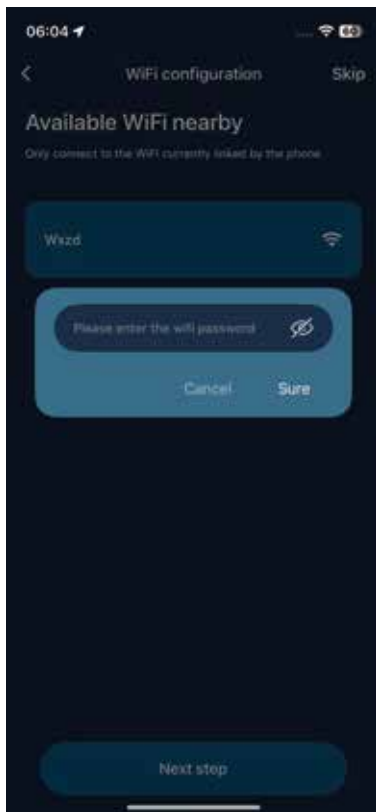


④-1



④-2

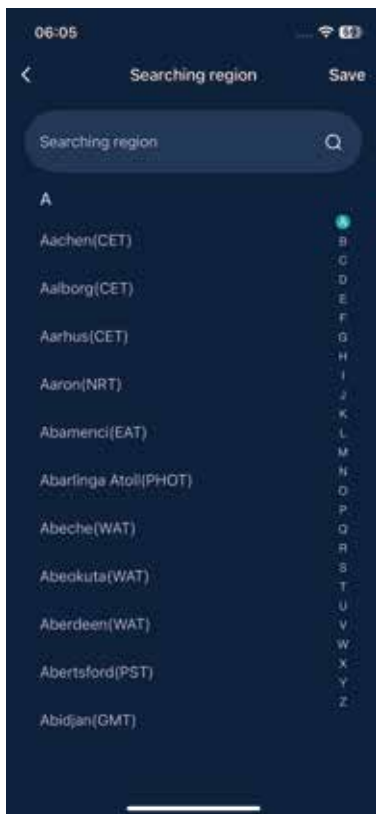
- ⑤Enter the Wi-Fi password and wait for the charger to connect to the Internet. Currently, Wi-Fi only supports 2.4GHz- band Wi-Fi devices.5G is not available.
- ⑥ After the charger Wi-Fi configuration is completed, fill in the charger name, the area where the charger is located, and the time zone which will affect the scheduled charging function.
- ⑦After the binding is completed, the bound charger can be seen in “My charger” list.
- ⑧If there is an error message in filling in the station code, the display will show the prompt pop-up box, and click the button of reporting error to feedback the error information to the backend operation and maintenance personnel.



⑤



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⑦-1

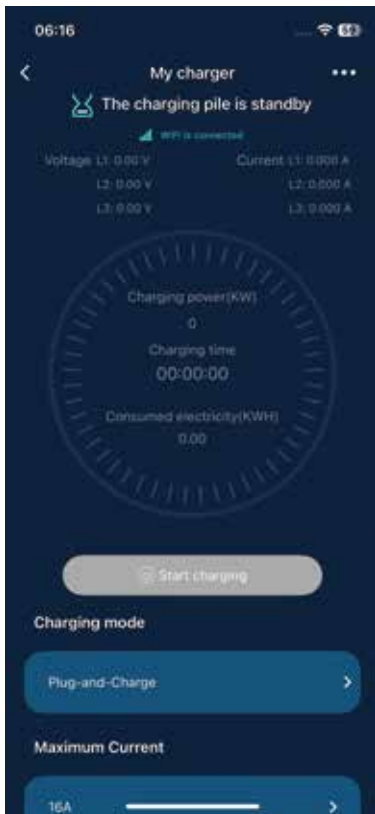


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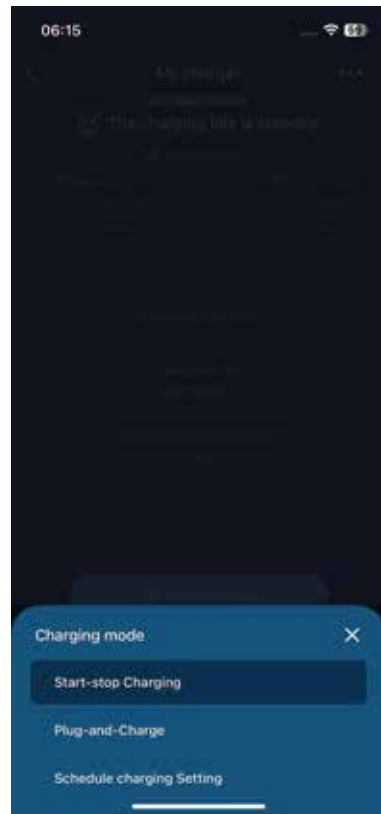
3.Charging function

①The charger details page can control the charger startup mode.

②Charging modes: There are three types of charging modes: start-stop charge, plug and charge, and scheduled charging.



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③Start-stop charge

-Remote start and stop through the APP .

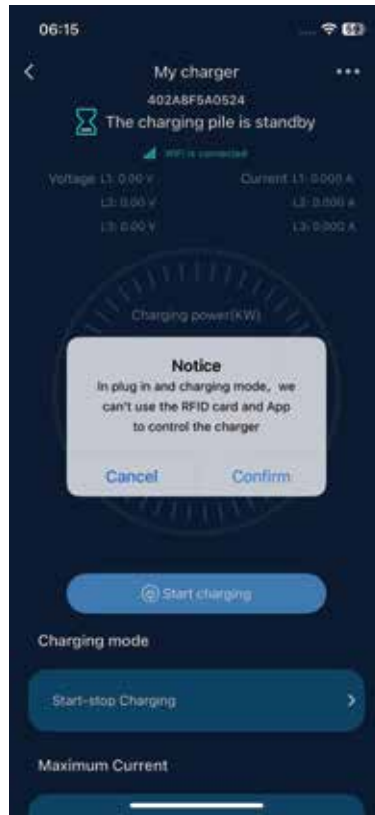
When the car is connected to the charger, you can remotely control the charger to start or stop charging.

-Start/stop charging by RFID card

Swipe the RFID card near the RFID reader to start or stop the charging process.

④Plug and charge

The car will charge as soon as the charger is connected. The charging will stop when the charger is unplugged.



④

⑤ Scheduled charging

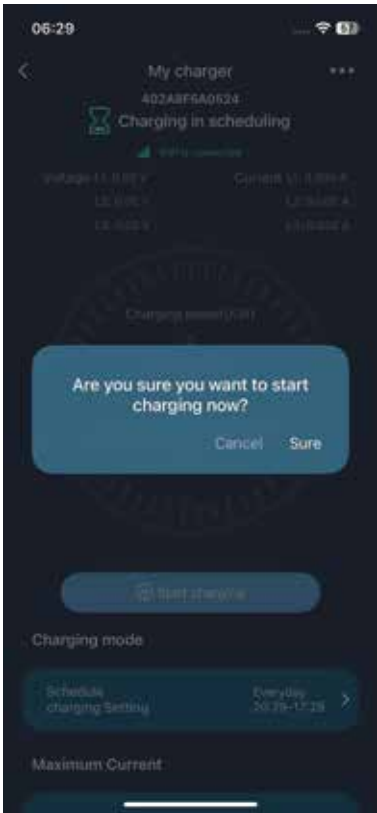
Set the start and stop time of the appointment. The charger will work during the set time period. If the start time of the appointment is earlier than the current time, charging will start from the next day according to the scheduled time period. The scheduled charging will cycle charging at a fixed time every day.

⑤Scheduled charging

Set the start and stop time of the appointment. The charger will work during the set time period. If the start time of the appointment is earlier than the current time, charging will start from the next day according to the scheduled time period. The scheduled charging will cycle charging at a fixed time every day.



⑤-1



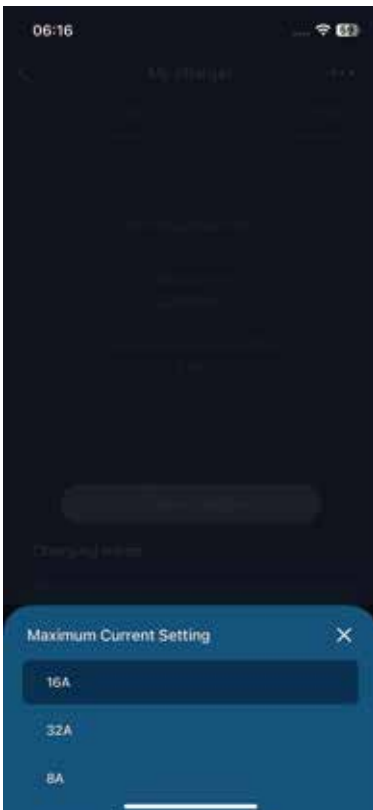
⑤-2

⑥ Maximum Current Setting

The current value can be switched (configured according to the parameters supported by the charger).

⑦ More settings on the charger details page:

- Unbind the charger.
- Set the region and time zone.
- The firmware version of the charger.



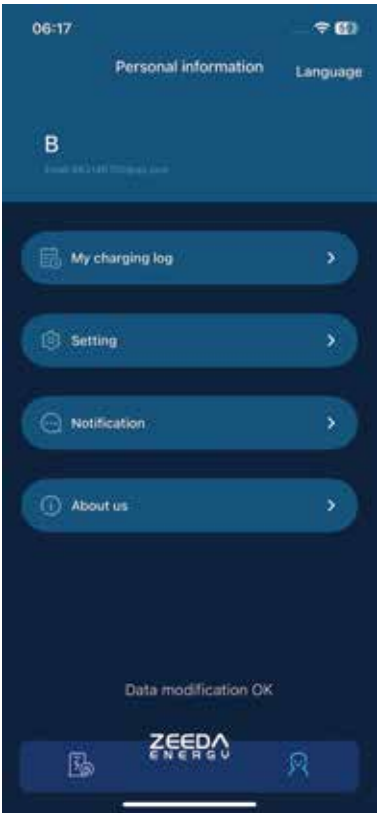
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4. Other Functions

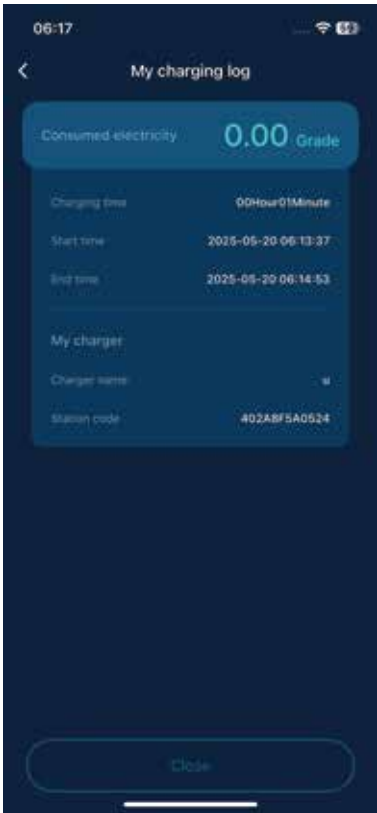
- ① The personal information page can view the charging log of the charger, personal settings, message notifications, and about us.
- ②Charging log can show all charging records and charging details related to the account,charging consumption, charging start and end time, and so on.



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②-1

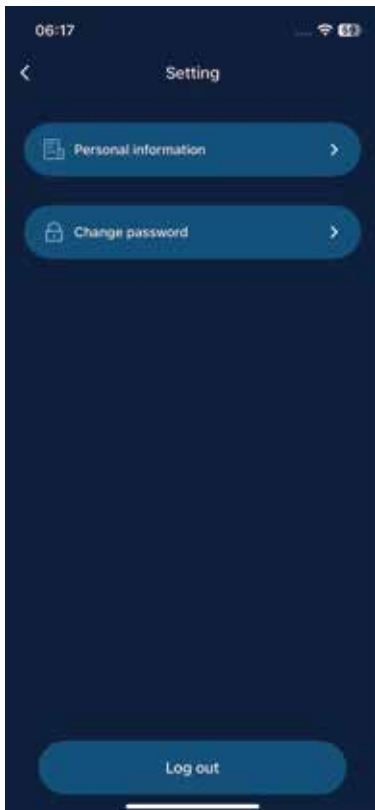


②-2

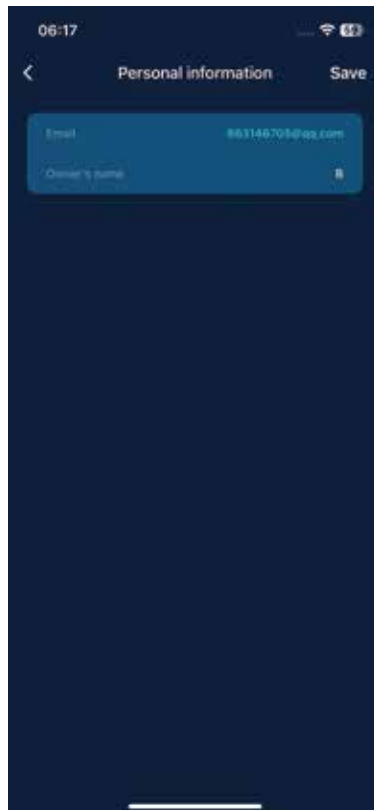
5. Personal setting

There are some basic personal settings:

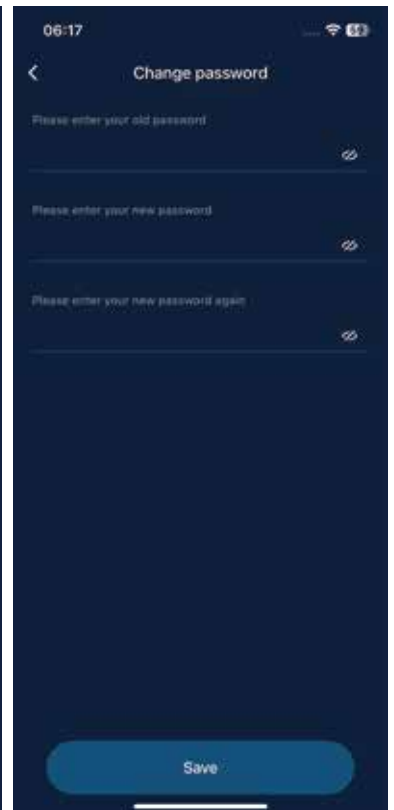
- Show the currently logged in account
- Set the name of owner
- Change the login password
- Log out



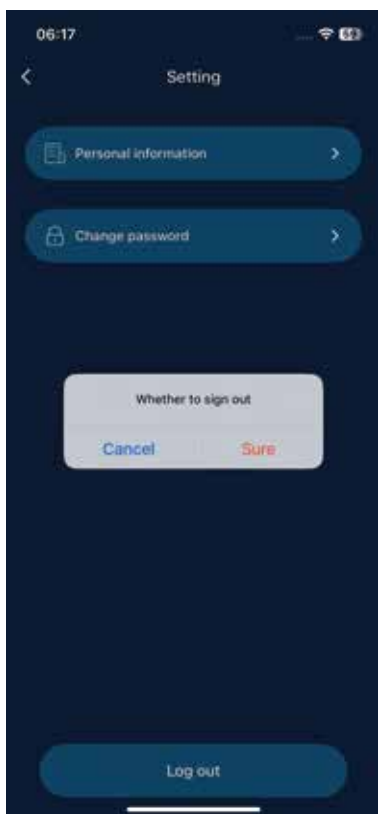
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②



③



④



⑤

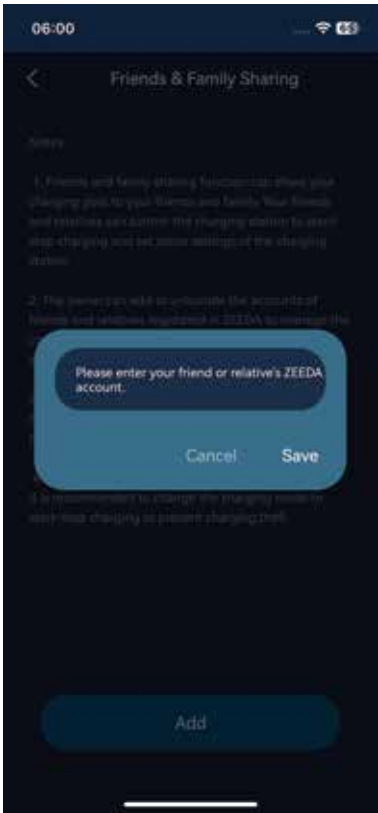
6.Share with friends and family

- ①ZeedaEnergy chargers can be shared by adding accounts of relatives and friends.
- ②In more settings, the charger owner can add relatives and friends who have registered on ZeedaEnergy APP . After added, relatives and friends can control the charger. The charger owner can also manage the accounts of the added relatives and friends.



②

- ③One charger can be bound to up to 3 relatives and friends.
- ④After adding the friends and family accounts, the shared chargers can be seen after the corresponding account logs in.
- ⑤Friends and family can only choose the charging methods and start or stop the charger. No other charger setting permissions are available.



④-1



④-2

Troubleshooting

For your safety, only a licensed electrician can test and diagnose any issues. The manufacturer is not responsible for damage or hazards caused by attempted repairs by an unqualified individual.

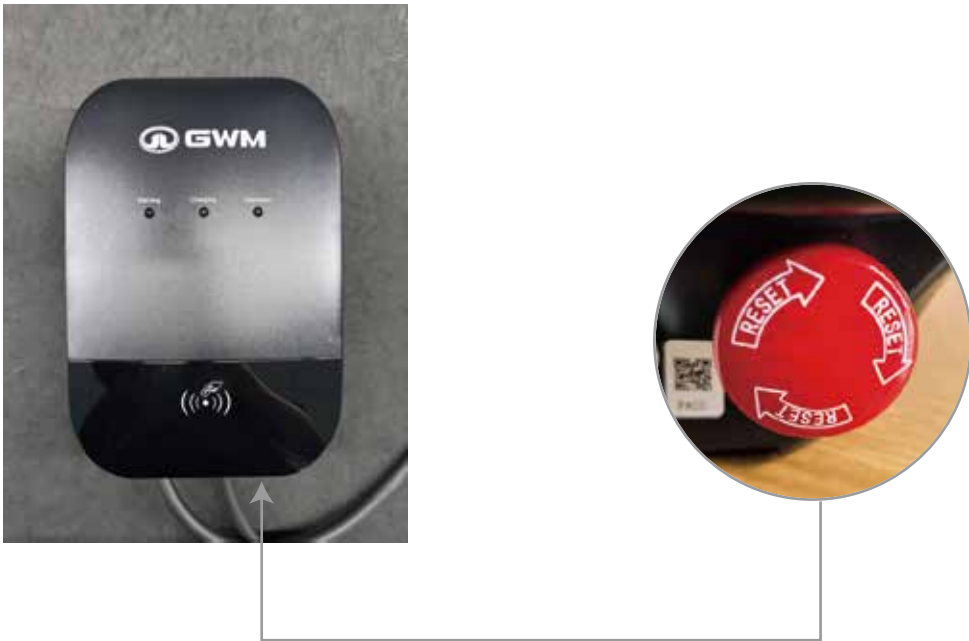
1.Indicator lamp explanation

Indicator Lamp Status	Likely Failure	What to Do
Red light flashes 1 time	Leakage	Contact the customer service
Red light flashes 2 times	CP Error	Contact the customer service
Red light flashes 3 times	Overvoltage	Contact local power utility company Or your service installator
Red light flashes 4 times	Undervoltage	Contact local power utility company Or your service installator
Red light flashes 5 times	Overcurrent	Contact the customer service
Red light flashes 6 times	Ground Fault	Contact authorized installer to Check the grounding
Red light flashes 7 times	Charger is in the emergency stop status	If the charger is back to normal, Please rotate the knob clockwise To unlock the emergency Stop button.
Red light flashes 8 times	Short Circuit	Contact the customer service
Red light flashes 9 times	Over-temperature	Contact the customer service
Red light flashes 10 times	Temperature Sensor Error	Contact the customer service
Red light flashes 11 times	Metering Chip Error	Contact the customer service
Red light flashes 12 times	Leakage Self-test Fault	Contact the customer service
Red light flashes 13 times	Relay Contact Welding Fault	Contact the customer service

2.Common Issues and solutions

Emergency Button error:

If you see the red light flashing 7 times, please rotate the knob clockwise to unlock the emergency stop button, and the fault will be restored. This button is prone to accidental activation, please check it carefully after each use.



Ground Fault:

If the red light flashes 6 times, it indicates a ground fault. Please check whether the charger is connected to the ground wire. If the ground wire is already connected, please request a professional electrician to confirm whether the ground wire installation is in good condition.

Failure to connect WiFi: If the device fails to connect to WiFi, please make sure the connected WiFi frequency band is 2.4 GHz and the WiFi name should not contain special characters such as "@, ~, *", etc. If the WiFi connection fails multiple times, please call the after-sales service provider of the local charger for assistance.

Failure to bind the charger with APP: If an abnormal configuration pops up or the charger cannot be found, please unbind the device and try again. When binding and connecting, keep the phone's Bluetooth close to the charger. If the distance between them is too far, the process may fail due to disconnection.

Abnormal charging order information: If the order information displayed on the APP is abnormal, please check whether the charger is connected to the network. If it is not connected, please reconnect to the network and then check the status of the charger in the APP again.

Failure to adjusting the current: If you encounter multiple failures in adjusting the current, please provide the station code and contact after-sales service to request them to remotely check and resolve the issue.

Failure to start charging: If the charger's light is flashing slowly in blue after the vehicle is plugged in and start the charger (swipe the RFID card, or plug and charge, or use APP to start), please first check whether the vehicle is in reservation mode or if there are other charging configuration settings. If the issue cannot be resolved, please restart the charger (cut off the power and then turn on the power again) and try again to see if the charging problem persists. If the problem remains unresolved after the above attempts, please contact the after-sales service provider.

Warranty, Repair & Maintenance

The manufacturer warrants the new product without any material and manufacturing defects. During the warranty period, the manufacturer will repair and/or replace the parts if there is verified product failure.

Consult your local authorized representative for country-specific warranty details. The product contains no user-serviceable parts. Any hardware or software defects during the warranty period should be served by an authorized service provider.

Warranty Disclaimer

The manufacturer waives the product warranty under the following conditions:

- 1.Damage during customer transportation.
- 2.Unauthorized repairs attempted on the product.
- 3.Failure or damage from improper installation
- 4.Failure or damage from the usage outside of the defined working conditions.
- 5.Products outside the warranty period.
- 6.Damage from natural disasters (earthquakes, floods).
- 7.Cosmetic damage (burns, warping, deformation).

Customer Support

- 1.Contact the authorized local service provider first.
- 2.Visit **www.zdenenergy.com** and **www.zeedaenergy.com** for manufacturer help desk support, or email Customer Service at **service@zdenenergy.com**

Certification



