Z-BOX

BEXIE ENERGY

User Manual

GREEN SMART

CONTENTS

Z-BOX

Introduction to APP

APP connects and binds EV Charger by virtue of Bluetooth and WiFi technologies so as to monitor the information and set the parameters of EV Charger. APP mainly functions to monitor the charging information such as charging current, voltage and power, EV Charger temperatura, charging capacity (kWh), charging status, etc. In addition, it can set the scheduled charging, over-temperature protection threshold and maximum charging current, and also set different DLB modes depending on whether the EV Charger is connected to PV power generation system. Furthermore, it supports the one-key network distribution for OCPP EV Charger.

Open the Play Store

APP
Download
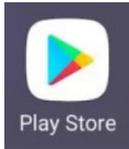
Click on the search box and input "Z-BOX"
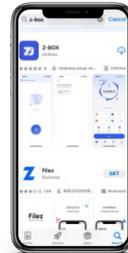
Find the "Z-BOX" APP
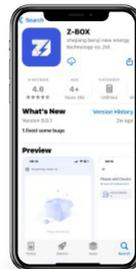
Click it to start the download

Click on the search box and input "Z-BOX"

Find the Z-BOX APP

Open the App Store

Click it to start the download

Z-BOX

How to add the EV Charger in Bluetooth mode?

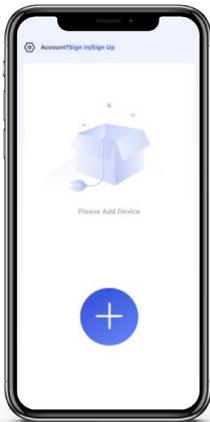**Precautions:**
1. OCPP EV Charger are set at Bluetooth mode as default in the factory
2. EV Charger is first added in Bluetooth mode. Please turn on Bluetooth on the mobile phone

Operating method:
1. Open the APP to enter the main interface as shown in Fig. 3-1, click "Add Device" and then enter Fig. 3-2;

2. Connect the EV Charger searched through Bluetooth just by clicking it;

3. Input the password (default: 123456) and click next;

4. After the binding succeeds, set the name and password by reference to the instructions in the next chapter;

image 3-1

image 3-2

image 4-1

How to sign in and sign up an account in APP?

Function:
APP records OCPP EV Charger saved by user in cloud according to account number.

- Click "Sign In" at the upper left corner (Fig. 4-1), enter the sign in page (Fig. 4-2), and sign in the account with the email password;

- If you have no account, please sign up an account first;

- Click "Sign Up" to sign up an account (Fig. 4-3) and the system will send a verification code to your E-mail.
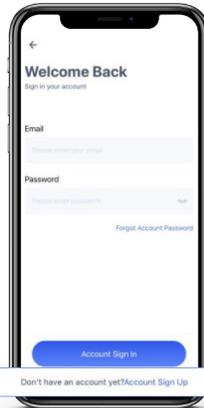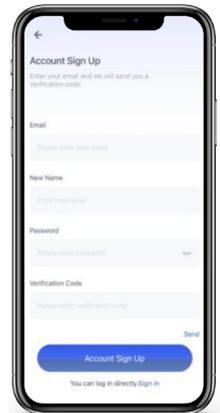

image 4-2

image 4-3

Z-BOX

How to switch EV Charger from Bluetooth to OCPP?

Function:
OCPP EV Charger supports the remote control by Internet, and after accessing to the cloud OCPP platform, APP can remotely control the start and stop of EV Charger, scheduled charge, quantitative charge, DLB management, etc.

You have server Z-BOX, EVSaas, Monta, ChargeHQ and ChargeHub

1. Click Switching Remote Control Mode (Fig. 5-1) to enter the server configuration page;
2. Select the server corresponding to OCPP service platform (Fig. 5-2);
3. Configure the server parameters according to the page prompts (Fig. 5-3);
4. Configure the networking mode and network information (Fig. 5-4)
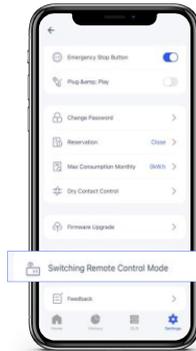5. After setting the network information, click Next to start connecting the EV Charger to cloud platform.
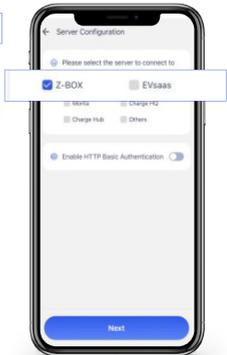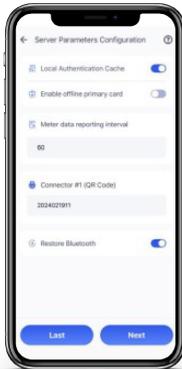

image 5-1

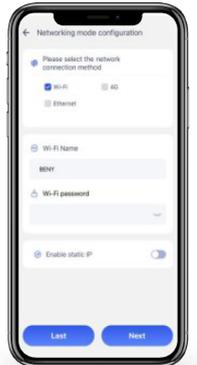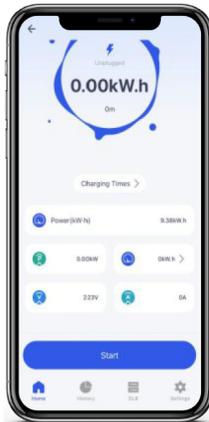

image 5-2

image 5-3

image 5-4

image 6-1

image 6-2

How to view the charging data and status?

After the connection succeeds, enter the EV Charger real-time data interface as shown in Fig. 6-1 and Fig. 6-2, where you can view the real-time data 1, data 2 and status of EV Charger, and also set the scheduled or quantitative charging, start or stop charging, etc.

Data 1

Device uid	231200096
Accumulated charge quantity	0.0 kW·h
Charging time	0 m
Single charge quantity	0.00 kW·h

Data 2

Single charge limit	0 kW·h
Charging power	0.0 kW
Current	0 A
Voltage	223 V

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How to modify the configuration of EV Charger in APP?

Click Setting to enter the setting interface (Fig. 7-1), and you can view and set the charging configuration.

Set the value

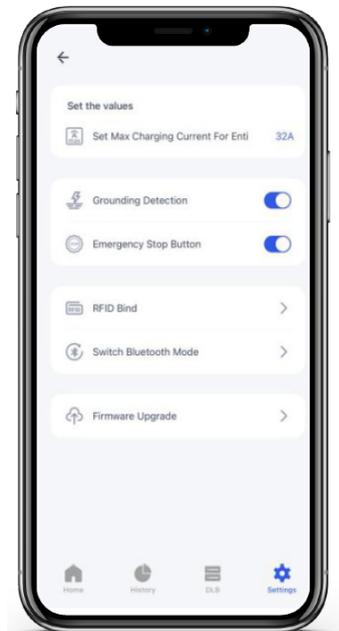| |
|---|
| Set Max Charging Current for Entire charger |
| Grounding Detection |
| Emergency Stop Button |
| RFID Bind |
| Switch Bluetooth Mode |
| Firmware Upgrade |

image 7-1

How to set scheduled or quantitative charging?

Function:
EV Charger will operate within the set time to complete the charging during the idle period of household electricity or the off-peak rate period.

Attention:
After setting the time, plug the connector into the electric vehicle, and the charging will start automatically at the set time.

Operating method:
1. The scheduled charging can be used only after connector is plug into the electric vehicle;
2. Click the EV Charger icon shown in Fig. 8-1 to enter the charging time setting interface;
3. Set and turn on the start time and end time of scheduled charging as shown in Fig. 8-2.
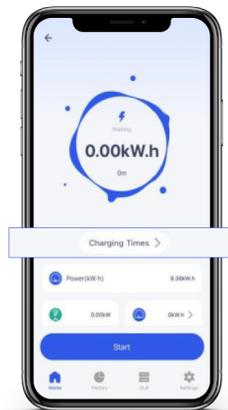

image 8-1

image 8-2

Z-BOX

How to limit the charging current or EV Charger?

Click Set Max Charging Current for Entire charger on the setting page (Fig. 9-1), and set the appro- priate charging current according to the power consumption of EV Charger (Fig. 9-2).
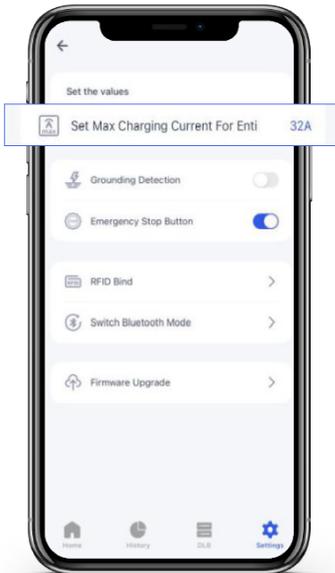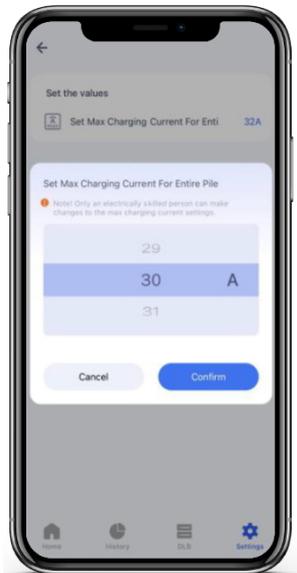

Image 9-1

Image 9-2

Function:

OCPP EV Charger supports the simultaneous use and control of multiple accounts, and can be shared with others by scanning the QR code.

1. Click on the cloud logo at upper right corner of OCPP EV Charger (Fig. 14-1) and the Share appears button
2. Click Share to generate the QR code of current charger to share with other accounts (Fig. 14-2).
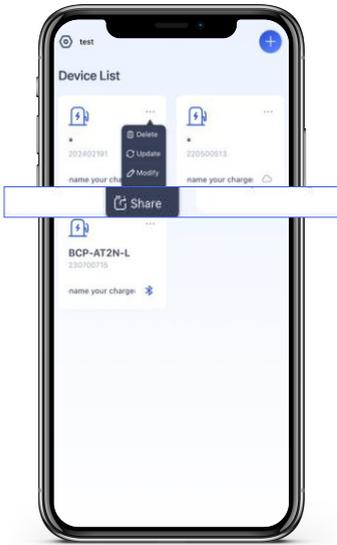
How to share OCPP EV Charger with other accounts?

Image 14-1

Image 14-2

Z-BOX

How to modify the account information?

On the Account Setup page (Fig. 15-1), you can modify the account name and password.

Firmware Fix

Change Account Password

Modify Info

Feed back
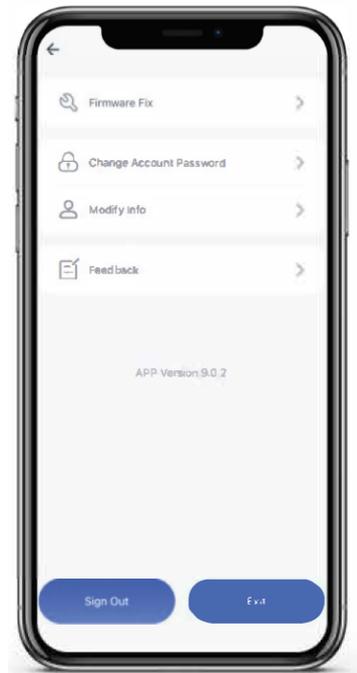
APP Version:9.0.2

Sign Out   Exit

Image 15-1

Function:
Switch the OCPP EV Charger bound by the account to Bluetooth mode.

1. Click Switch Bluetooth Mode the settings (Fig. 16-1);
2. Input the AP password (default:12345678) of EV Charger (Fig.16-2) and click Confirm.

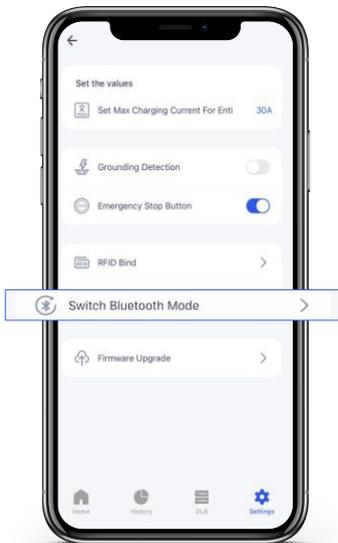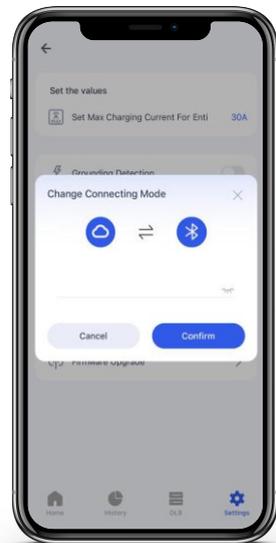# How to switch EV Charger from OCPP to Bluetooth?

Image 16-1

Image 16-2

Z-BOX

How to view the charging history?

Function:
You can view the statistics of the last month, last 12 months and accumulated charging quantity.
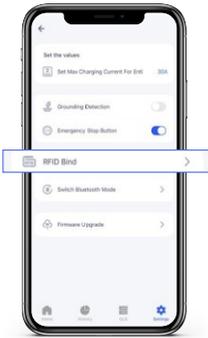

Image 17-1

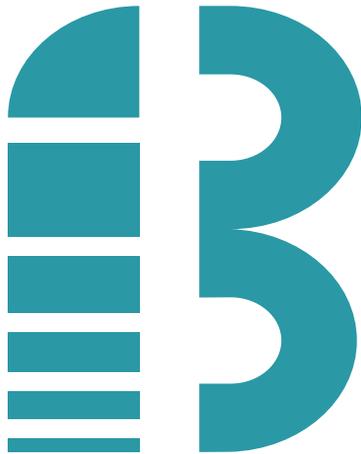Image 17-2

Image 18-1

Image 18-2

Image 18-3

Image 18-4

How to bind RFID Card with APP?

Function:
After the RFID card is bound with APP, the user can directly use the RFID card to start charging.

1. After the EV Charger is connected successfully, click Settings to enter the setting page of EV Charger (Fig.18-1)
2. Click RFID Bind to enter the RFID Card add page (Fig. 18-2)
3. Click Add at the middle of the bottom to enter the RFID Bind page (Fig. 18-3)
4. Input the number on RFID card
5. Click Add, and RFID code is bound successfully (Fig. 18-4)

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