

E-VALUE

**ELECTRIC VEHICLE AC CHARGER
WALL-MOUNT EV CHARGER
OPERATING INSTRUCTION MANUAL**

Contents

1.About This Operating Instruction Manual.....	64	6.Operating Instruction.....	92
Error or Omission	65	Standby Page.....	93
Copyright & Trademark.....	65	Prior to Charge	94
2.Safety information.....	66	Start to Charge.	95
Important Safety Instruction.....	67	End of Charge.....	96
Warning	67	Completion of Charge.....	97
Precautions	68	7.System setting.....	98
3.Specification.....	70	8.Troubleshooting Q&A	120
Product Physical Appearance.....	71	9.Limited Quality Maintenance of Charging Equipment.....	124
Product Specification.....	72	General Terms.....	125
Function.....	73	Limitation of Liability.....	125
4.Preparation for Installation.....	76	Maintenance.....	126
Minimum Requirements	77		
Power Supply Cable.....	78		
Power Supply Mode	78		
Confirm if Rated Capacity of Your No Fuse Breaker Able to Meet Requirements.....	77		
Selection of Best Position for Wall mounted EV charger.....	77		
Precautions for Installation.....	78		
Check Contents.....	79		
5.Installation Steps of Charger.....	80		
Tools & Material.....	81		
Installation Steps of Wall mounted EV charger.....	82		
Wiring Preparation of Cables	85		
Wiring of Cables.....	86		
Setting the operation modes	87		
Confirmation of Current Needs & Test....	88		
Power-on Test & Assembly.....	89		
wiring diagram.....	90		

About This Operating Instruction Manual

01

Error or Omission

If you would like to convey any recommendation or omission with respect to this "Operating Instruction Manual", you are welcome to send your comments or recommendation to this email address: service@f-evalue.com

Copyright & Trademark

All the information contained in this "Operating Instruction Manual" is protected by the copyright of Fortune Electric Value Co., Ltd. and the other laws of intellectual property right. Without the prior written permission of Fortune Electric Value Co., Ltd., all or part of the contents contained in this "Operating Instruction Manual" shall not be revised, reproduced or copied.

The product specifications are subject to change without prior notice.

Safety information

02

Important Safety Instruction

This operating instruction manual includes the important instruction and warning which shall be followed during the installation and maintenance of wall mounted EV charger.

Warning

- Prior to use this product, please read all instructions.
- If there is any child nearby while using this product, monitor and control the child shall be required and pay attention to safety.
- The charger shall be grounded through the permanent wiring system or the protective grounding conductor.
- Please do not install or use the charger around the combustible, explosive, irritating or flammable materials, chemical goods or gases.
- Prior to install or clean the charger, please turn off the input power on the circuit breaker.
- Please strictly follow the specified operating parameters for using the charger.
- Please do not spray water or any other liquid directly on the switch box installed on the wall. Please do not spray any liquid on the charging gun or immerse the charging gun in the liquid. Please place the charging gun on the base to prevent from contacting with the unnecessary contaminant or moisture.
- If the charger has defect, appears crack, wear, fracture or damage so that it cannot be used or operated, please stop using or do not use it.
- Please do not attempt to disassemble, repair, improperly adjust or modify the charger. The user shall not repair the charger by himself. If any repair or modification is required, please contact with the Fortune Electric Value Co., Ltd.
- Please be careful during the shipment of charger. Please do not subject the charger to strong force or impact, or pull, twist, tangle, drag or step on the charger to prevent from damage to the body or any component.
- Please do not contact with the end of charging gun head with your fingers or sharp metal object (such as electric wire, tool or needle etc.).
- Please do not fold any part of the charger or put pressure on it, or damage it with sharp object.
- Please do not insert foreign object into any part of the charger.
- The use of charger may affect or damage the operation of medical or implantable electronic equipment, such as the implantable pacemaker or implantable defibrillator. Prior to use the charger, please consult with the manufacturer of electronic equipment with respect to the impact of charging on such electronic equipment.

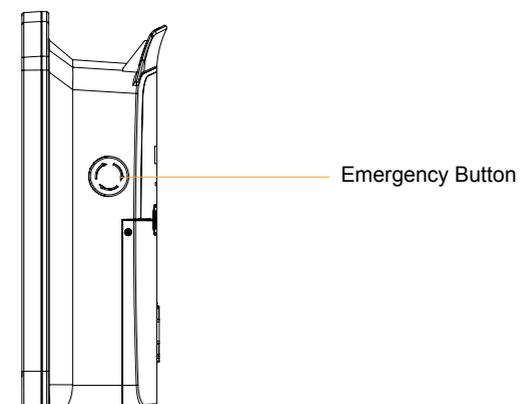
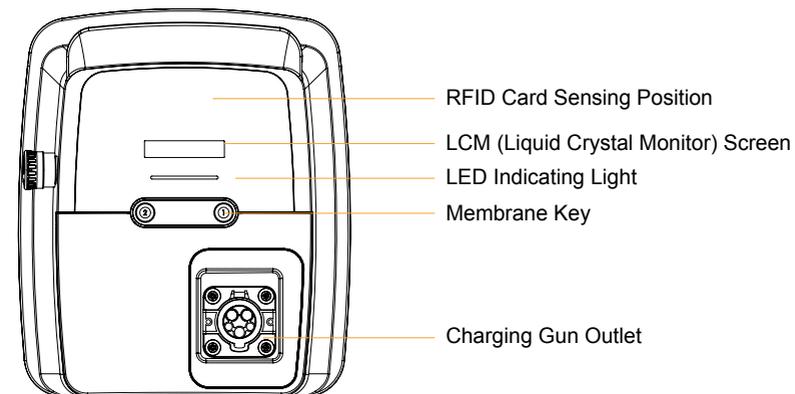
Precautions

- Please do not use the generator as the power supply source for charging operation.
- The incorrect installation and test of charger will cause the potential damage to the vehicle battery and/or the charger itself. Any damage caused by these will not be covered

by the warranty.

- Please do not operate the charger under the temperature outside the operating range i.e. -13 °F to 122°F (-25°C to 50°C).
- If using a network cable, the length must not exceed thirty meters.
- This charging device must be used with a certified non-fuse switch overload protector and leakage protection circuit breaker to comply with the national BSMI VPC (Voluntary Product Certification) certification requirements. If you have any questions about installation, please contact EVALUE for consultation or purchase qualified materials. If the non-fuse switch overload protector and leakage protection circuit breaker are not used, the user shall be responsible for the abnormality or other problems of the charging equipment.
- Do not use adapters or conversion connectors.
- Do not use extension cord sets.

1.Product Physical Appearance



Specification

03

2. Product Specification

Description	Specification
Voltage Specification	<ul style="list-style-type: none"> Voltage Used: 220V Single-phase AC: L, Neutral & Ground Cable Voltage Range: 220V AC between N end and L end
Frequency Range	60 Hz
Output Current	CBDA-X32B: (Highest)32A CBDA-X50A: (Highest)50A CBDA-X70B: (Highest)70A CBDA-X80A: (Highest)80A
Power Output	CBDA-X32B: (Highest)7.04KW CBDA-X50A: (Highest)11KW CBDA-X70B: (Highest)15.4KW CBDA-X80A: (Highest)17.6KW
Charging Gun Specification	CBDA-X32B 、 CBDA-X70B: IEC 62196 CBDA-X50A 、 CBDA-X80A: SAE J1772
Cable Length	5m
Physical Dimension of Charger	Length: 393.8mm / Width: 338.54mm / Height: 144.53mm
Weight (including charging gun cable)	CBDA-X32B: 7.9kg CBDA-X50A: 9.2kg CBDA-X70B: 10.4kg CBDA-X80A: 10.5kg
Buttons	Emergency Stop Switch, Button 1, Button 2
Indicating Lights	Standby: Green Light, Under Charging: Blue Light, Full Charge: Flashing Green Light, Error: Red Light
Identification of User Identity	RFID Card Reader (Note: Enable or disable identify identification function is selectable)
LCM Liquid Crystal Display	Both Chinese & English Display
Protection Function	Overvoltage Protection, Low voltage protection, Over Current Protection, Short Circuit Protection, Overload Protection, Over-temperature protection
Operating Temperature	-25°C to 50°C
Humidity	<95% Relative Humidity
IP Dustproof/Waterproof Class	IP55
Certification Standard	CNS15511

(Note: Please check page 126 for complete series specifications.)

3. Function

(1) Selectable Rated Current

a. Type : CBDA-X32B

The output of rated current can be adjusted in accordance with the field needs. The current ranges of this adjustable charger are 6, 16, 24 or 32A.

b. Type : CBDA-X50A

The output of rated current can be adjusted in accordance with the field needs. The current ranges of this adjustable charger are 6, 16, 24, 32 or 50A.

c. Type : CBDA-X70B

The output of rated current can be adjusted in accordance with the field needs. The current ranges of this adjustable charger are 6, 16, 24, 32, 50 or 70A.

d. Type : CBDA-X80A

The output of rated current can be adjusted in accordance with the field needs. The current ranges of this adjustable charger are 6, 16, 24, 32, 50, 70 or 80A.

(Note: It shall be adjusted at the time of installation. If further adjustment is still required after the installation is completed, the qualified professional electrician shall be called for assessment and setting.)

(Note: Please check page 126 for complete series specifications.)

(2) Start of Delaying Charge

If it is intended to delay the starting time of charge, press the button 2 to preset the starting time of charge after 1, 2, 4 or 8 hours.

Example: The current time is 10:00, and it is intended to start the charge after 2 hours, so press the button 2 twice, and the charger will automatically start the charging function upon the end of 2 hours countdown.

(Note: The charging connector to the vehicle shall be properly connected)

(3) Add/Delete Cards

Add Card (only one card number can be added at a time):

a. Press the emergency button, the LED light turns red.

b. Press and hold the function key ①, release it after hearing two beeps. The blue/green lights will blink alternately, indicating that it has entered the card addition mode (ignore the text on the screen).

c. Bring the card close to the RFID card reading area. After hearing a long beep, the system will return to the red light status, indicating that the card number has been added.

d. Restore the emergency button, and the LED light will turn green, indicating that the charging station is in standby mode.

Delete Card (delete all card numbers):

a. Press the emergency button, the LED light turns red.

b. Press and hold the function key ① , release it after hearing two beeps. The blue/green lights will blink alternately, indicating that it has entered the card addition mode (ignore the text on the screen).

c. Press the function key ② briefly. The blue/red lights will blink alternately, indicating that it has entered the card deletion mode (ignore the text on the screen).

d. After entering the deletion mode, press and hold function key ① until you hear a long beep, then release it. The system will return to the red light status, indicating that all card numbers have been deleted. e. Restore the emergency button, and the LED light will turn green, indicating that the charging station is in standby mode.

(4) Restore Factory Settings(Excluding OCPP mode)

a. Press the emergency button, the LED light turns red.

b. Press and hold the function key ① , release it after hearing two beeps. The blue/green lights will blink alternately, indicating that it has entered the card addition mode (ignore the text on the screen).

c. Press the function key ② briefly. The blue/red lights will blink alternately, indicating that it has entered the card deletion mode (ignore the text on the screen).

d. Press the function key ② briefly again. The green/red lights will blink alternately, indicating that it has entered the restore factory settings mode (ignore the text on the screen).

e. Press and hold the function key ① , the LED light will flash white. Press and hold the function key ① again to confirm the restore factory settings. The LED light will flash purple, indicating that the factory settings have been restored.

f. Restore the emergency button, and the charging station will be ready to reboot. The screen

will display "Device is booting...". The LED light will turn from red to white. Please wait for the system to start up (about 3 minutes).

g. The LED light will turn green, indicating that the charging station is in standby mode.

Preparation for Installation

04

1. Minimum Requirements

- Measure the load of power supply and confirm it is able to meet the maximum current of charger.
- The rated current size of spared or newly added no-fuse breaker in the switch box shall be 1.25 times greater than the maximum current of charger.
- Confirm the field voltage and wiring distance, and calculate if the voltage drop is able to meet the local regulations or the minimum requirements of charger.

2. Power Supply Cable

The cable shall use the insulation-jacketed copper wire certified by the local country, and the withstand current of wire shall be 1.25 times greater than the rated current of no fuse breaker.

3. Power Supply Mode

The power used by charger is the single-phase 3-wire 220V, which is compatible with 3-phase 4-wire 220V/380V, single-phase 3-wire 110V/220V, single-phase 2-wire 220V and 3-phase 3-wire 220V. (Note: It is recommended that the power distribution/wiring shall be performed by the qualified power technician or engineer to avoid the electric shock or short circuit accident occurred on the personnel.)

4. Confirm if Rated Capacity of Your No Fuse Breaker Able to Meet Re-quirements

- Confirm the specification of your main switch. Please check the distribution panel or switch box to determine the current amount available for the power source at the installation site.
- The charger has the built-in rotary switch for you to adjust its working current. The selection of rated current for the spared or newly added no fuse breaker shall be performed in accordance with the continuous current value of following values i.e. 6, 16, 24,32,50,70 or 80A to select the appropriate no fuse breaker.

(Note: Please check page 126 for complete series specifications.)

5. Selection of Best Position for Wall mounted EV charger

Confirm the parking position to ensure that the charging cable is able to connect to the charging connector at the vehicle end. The charger shall be placed at the following positions:

- i. In the enclosed garage, it is usually located next to the charging connector of vehicle.
- ii. A well-ventilated place, avoid install in the enclosed case body or near the heat transfer device.
- iii. The indoor charger shall be installed at the position of 45 cm or more above the ground but less than 120 cm.
- iv. The outdoor charger shall be installed at the position of 60 cm or more above the ground

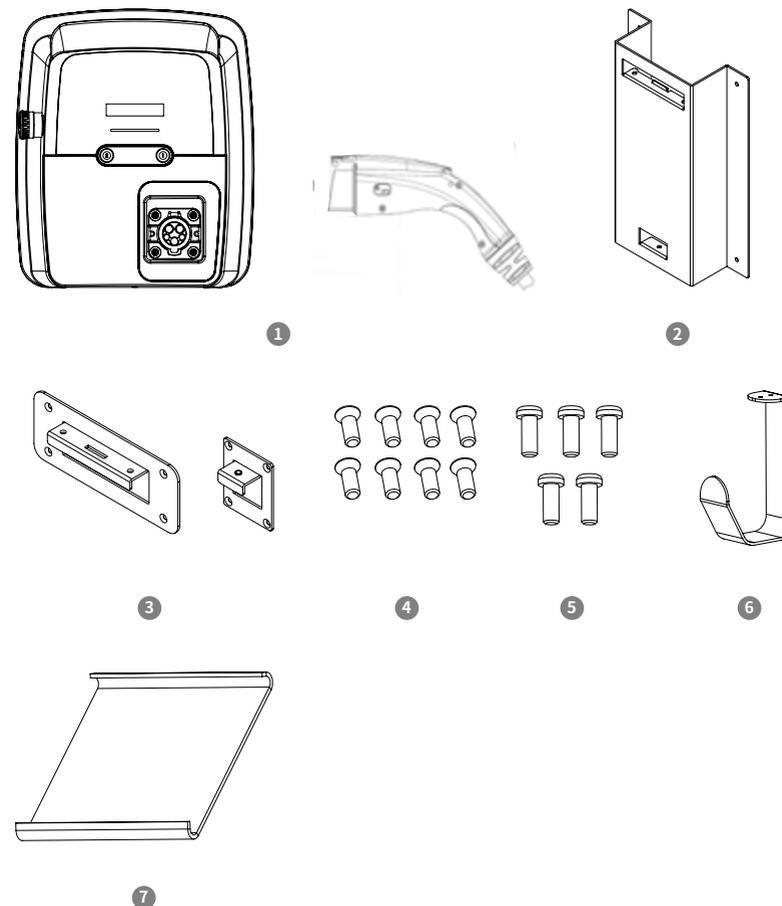
but less than 120 cm.

- v. The charger body shall be 20 cm or more away from the surrounding obstacles, so that the cable is able to wrap around the charger body during the storage.

6. Precautions for Installation

- Prior to the installation, please confirm that the switch of power supply is turned off and the power is cut off and the preventive measures are taken to avoid the electric shock hazard occurred to the personnel during the installation process of charger.
- The wiring process shall performed in accordance with the related local power regulations for proceeding the installation.

7. Check Contents



Item	Description	Qty
1	Wallbox Body & Charger Cable	1
2	Metal Parts of Wall Hanging	1
3	Countersunk Screw for Wall Hanging (M3 X 8L)	2
4	Wall Hanging Mount	8
5	Wall Hanging Mount & Cable Hook Round Head (M4 X 12L)	5
6	Cable Hook	1
7	Cover Plate of Terminal Block	1

Installation Steps of Charger

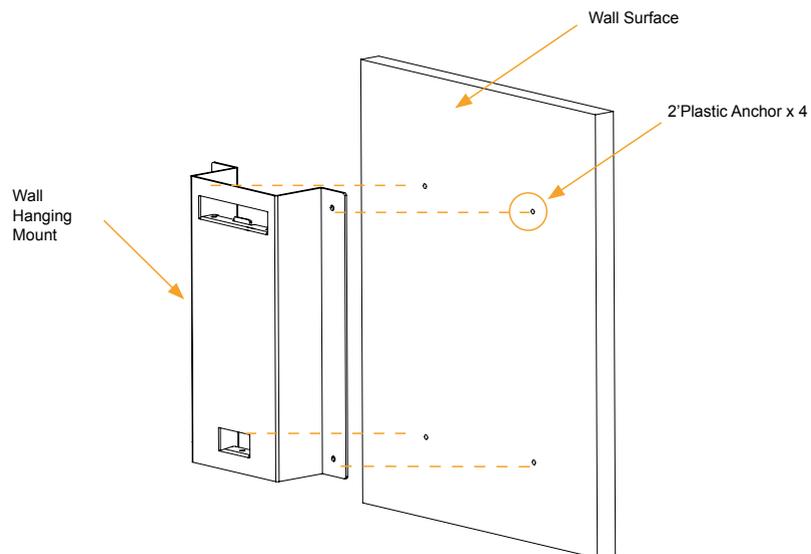
1. Tools & Material

- Pencil or sign pen
- Electrician's plier
- Wire stripper
- 2mm² ~ 14mm² crimping plier
- Measuring tape
- Multimeter or digital multimeter
- Phillips screwdriver
- Small flat head screwdriver
- Spirit level
- Electric drill and bits
- Plastic anchor
- Round terminal R8-6
- Torque screwdriver

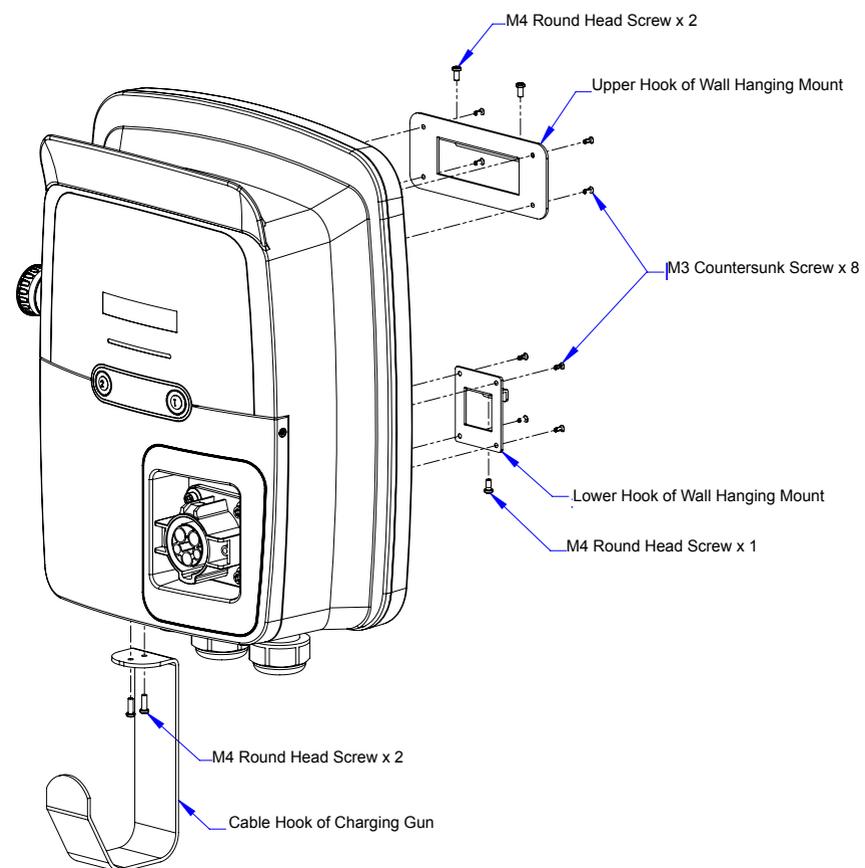
05

2. Installation Steps of Wall-type Charger

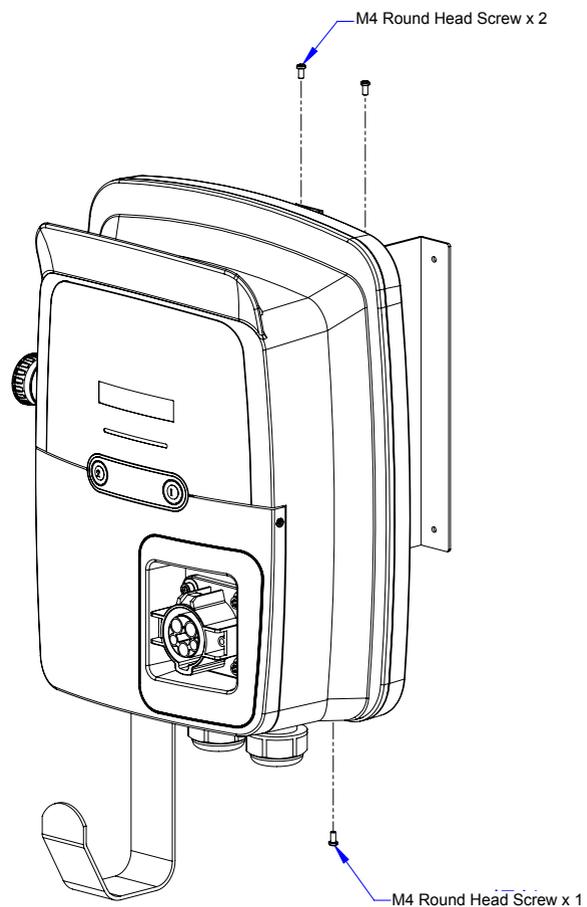
- (1) Use the mount as the guide to mark the drilling position on the mounting wall.
 - a. Use 5.8mm cement bit to drill the hole and embed the 2' plastic anchor in the hole.
 - b. Use the screws to lock and fix the wall hanging mount on the wall surface (please pay attention to the direction of wall hanging mount).



- (2) Assembly of Hook of Wall Hanging Mount & Hook of Cable
 - a. Use M3 countersunk screws in the attached screw pack to fix the upper and lower hooks of wall hanging mount to the back plate of charger.
 - b. Use the M4 round head screws in the attached screw pack to fix the hook of charging gun cable to the bottom left of charger.



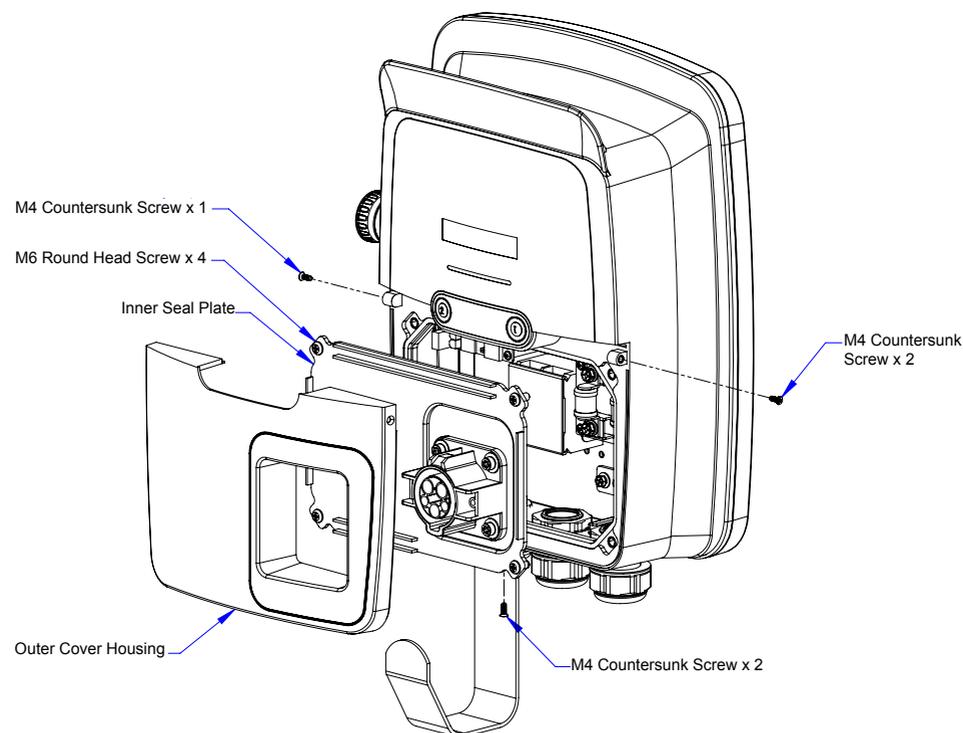
(3) Hang the charger body to the mount fixed on the wall, and use M4 round head screws in the attached pack to fix the upper hook and mount.



3.Wiring Preparation of Cables

(1) Use a Phillips screwdriver to remove the outer cover housing and inner seal plate of charger.

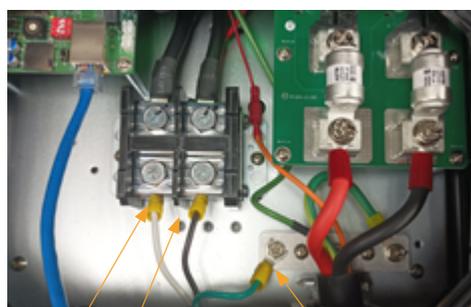
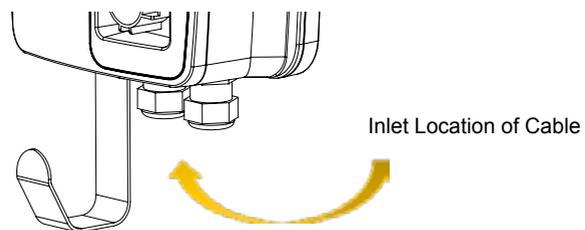
- a. Carefully remove the crosshead countersunk screws on the left/right and bottom of outer cover housing, and remove the outer cover.
- b. Carefully remove the Phillips round head screws on the 4 corners in front of the inner seal plate, and remove the seal plate.



4. Wiring of Cables

(1) Remove the transparent protective cover on the terminal block, and insert the cable through the cable fixing head under the charger body, and fix the cable on the terminal block.

- a. Unscrew the cable fixing head of cable inlet by turning counterclockwise, and tight the cable fixing head by turning clockwise after inserting into the cable about 10 ~ 15cm, and pull slightly to confirm that the cable will not be moved.
- b. After crimping L1, L2 of the cable and the ground wire with the round terminals respectively, use the torque screwdriver to tight Lin, Nin and GND attached on the terminal block (4 N-m), and assemble back the transparent protective cover of terminal block . (Note: The color of L1, L2 and ground wire shall be marked in accordance with the national or local regulations.)



LiveWire Live wire or Neutral Wire Ground Wire

Terminal Block in Charge Body

5. Setting the operation modes

The wall-mount charger can be adjusted the operating mode according to your needs. Settings of the corresponding modes as below:

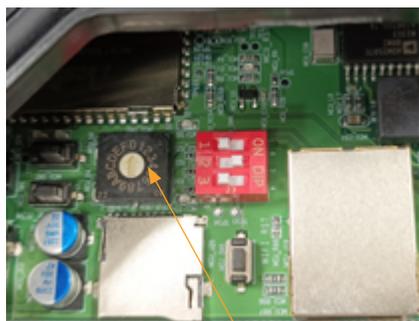
Attention: Please ensure if extra RFID cards are needed and confirm user's setting preferences at the preliminary evaluation

	Plug-and-play Function (default)
	RFID Card Reading
	OCPP Mode (Remark: This function only supports OCPP backend hosing server)
	Full Function
	System Setting Mode (Noted: If there is a need for EMS or custom backend integration, please use this setting)

5. Confirmation of Current Needs & Test

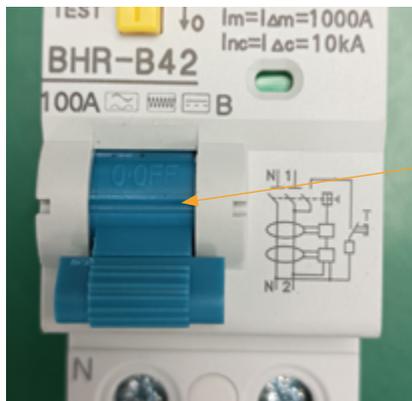
(1) The default charging current for charger is 32A, confirm if the output current is required to adjust, if the output current is required for adjustment, please refer to the table below.

(2) Turn on the no fuse breaker of power source and use the multimeter or digital multimeter to confirm if the input voltage is 220V ± 10%., open the leakage circuit breaker after confirming the voltage is correct.



Adjustment Switch for Output Current

	Output Current
0	By the charger cable serial number.
1	6
2	16
3	24
4	32
5	50
6	70
7	80
8	40



Leakage Circuit Breaker

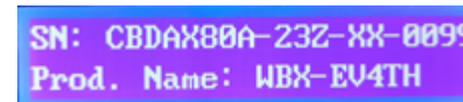
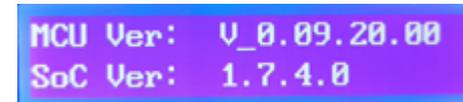
Upward to Open ON

6. Power-on Test & Assembly

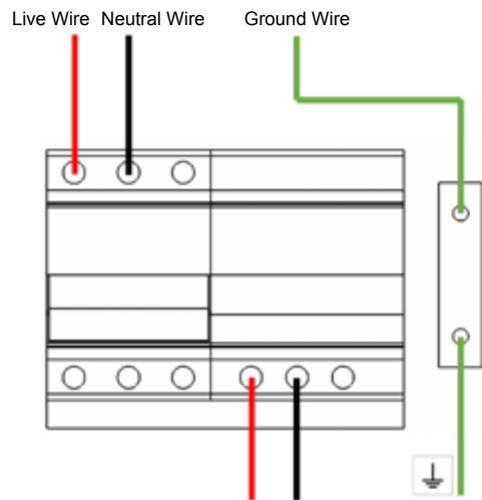
(1)The LCM and LED lamp of charger are lit after power on and perform the self-test.

a.The charger starts the initialization and detects the maximum output current value, the standby page of “Charger Standby” is displayed after confirming the current value is correct.

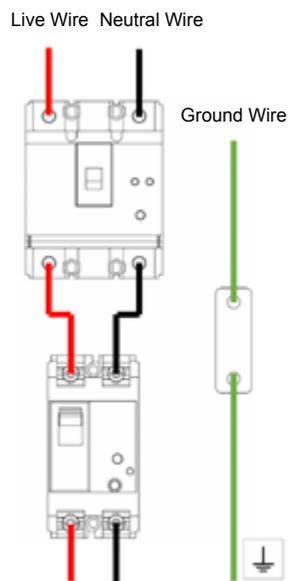
b.Tight back the inner seal plate and outer cover housing in sequence. (Note: If the seal plate and outer cover housing are completely fitted to the body.)



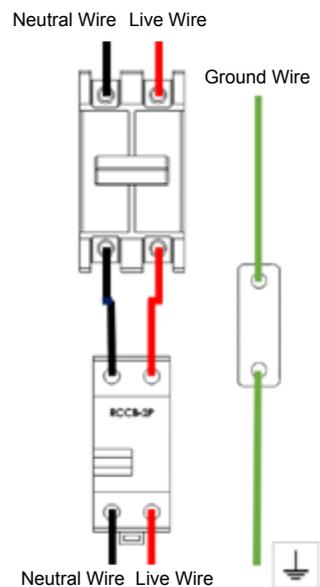
7.wiring diagram



Type1



Type2

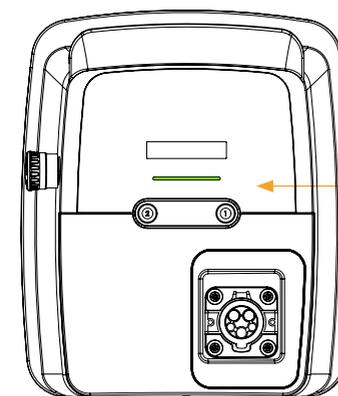


Type3

Operating Instruction

06

1.Standby Page



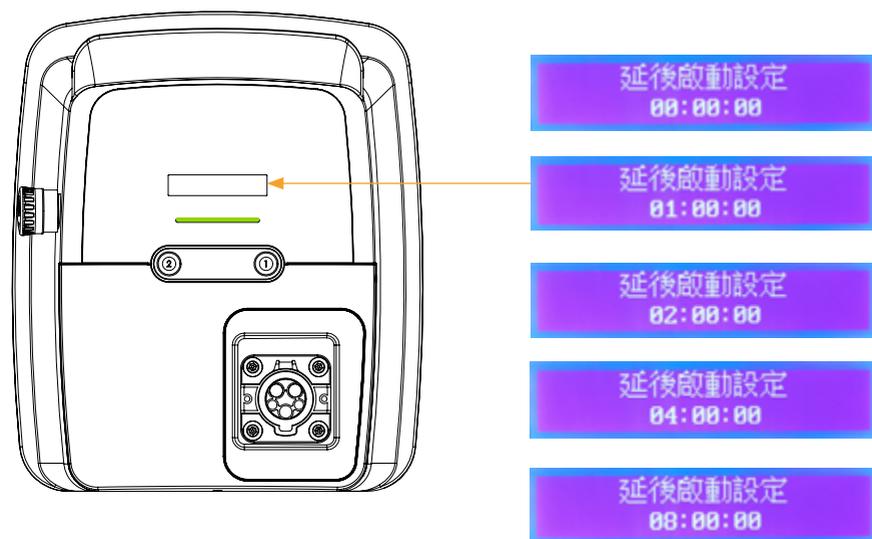
Charger Standby
充電器待機中

Precautions:

- (1) This equipment is only used by the electric vehicle.
- (2) Please do not remove the charging gun forcibly during the charging process.
- (3) If the rain drops on the connector of charging gun due to the heavy rain, please wipe off the raindrop prior to use.
- (4) If the emergency situation occurs during the charging process, please press the red emergency button on the left to stop the charge immediately, such as: electric shock of personnel, abnormal at vehicle end, etc.
- (5) If you have any question during the using process, please call customer service number 02-23253320 at the Fortune Electric Value Co., Ltd.

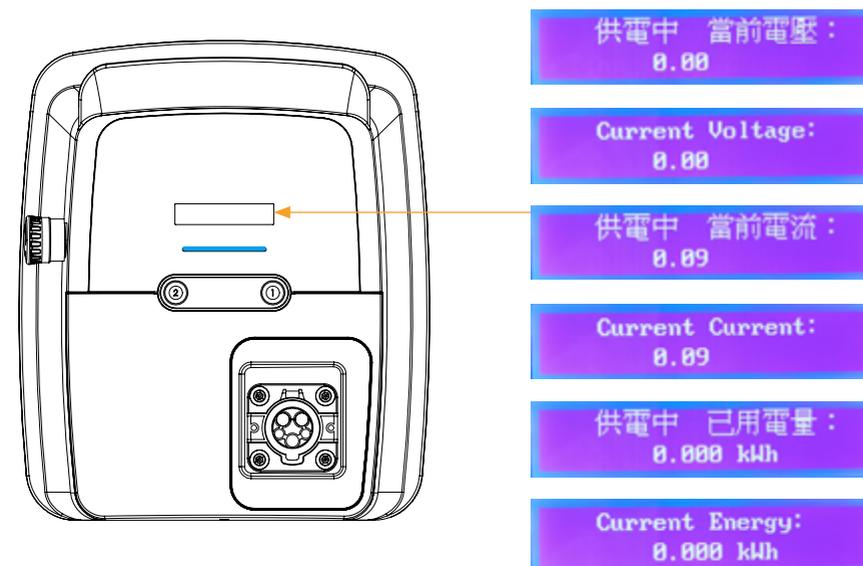
2. Prior to Charge

- The original setting is 0 hour prior to charge. When the Button 2 is pressed, it is able to preset that the charge starts after 1, 2, 4 or 8 hours. After pressing up to 8 hours, it will return to the original setting after pressing it once again.
- The DELAY setting can only be set while the standby mode (green light). If the cancel is required, Button 2 shall be pressed for returning to the original setting.



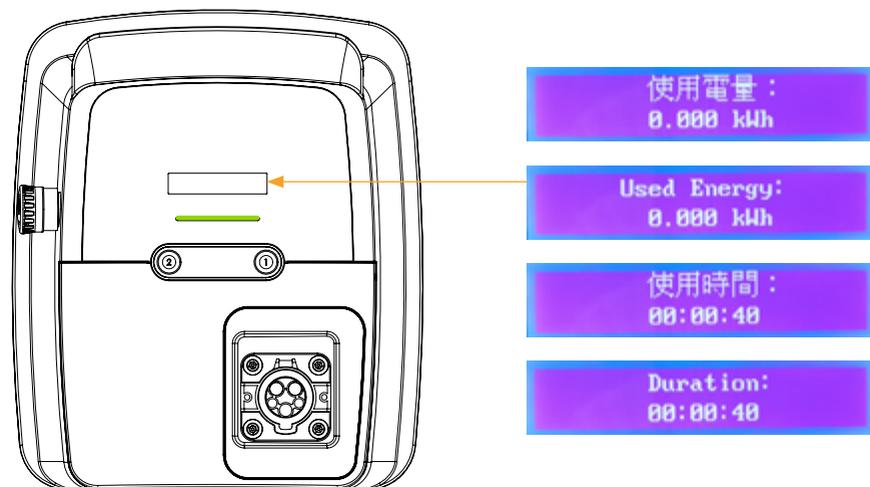
3. Start to Charge

- Remove the charging gun and connect to the charging connector of electric vehicle.
- When perform the charge, the indicating light switches from the steady green light to the steady blue light.
- The LCM displays the currently voltage, current and degree in Chinese/English alternately during the power supply process.



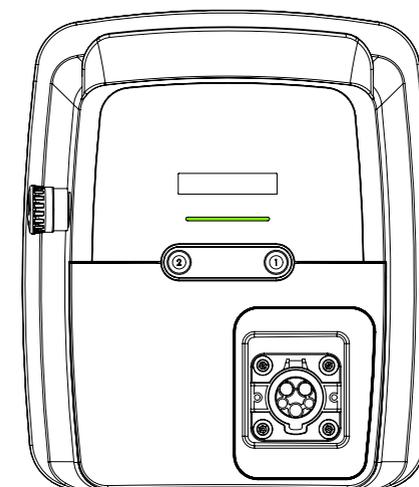
4. End of Charge

- After completing the charge, the indicating light switches from the steady blue light to the flashing green light.
- The LCM displays the current degree and time in Chinese/English alternately.



5. Completion of Charge

Take out the charging gun and place back to the charging outlet, the indicating light switches from the flashing green light to the steady green light.



System setting

(The function is not available for all models.)

07

1. System Setup Instructions

- You can use your mobile phone or computer to log in to the charging pile setting webpage and set related functions.
- If you want to change the setting value from the system web page, the charging pile status must be in standby (green light) before setting

(1) Please first ensure the device is set to "System Setup Mode" in the usage mode settings. Refer to this manual, Section 05: Installation Steps of Charger - Setting the operation modes

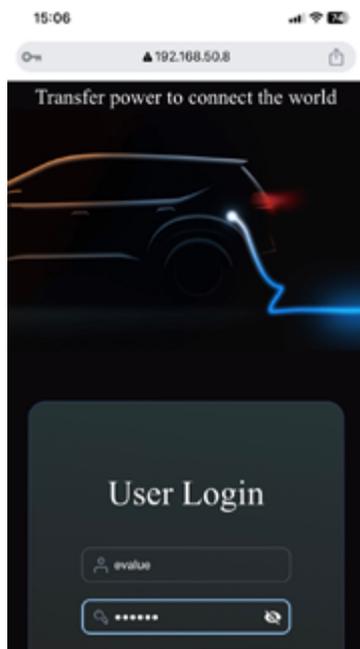
(2) Go to the Wi-Fi settings on your phone or tablet, connect to the Evalue device's Wi-Fi: EVALUE_Charger_XXX-XX-XXXX.

Note: XXX-XX-XXXX represents the serial number of the Evalue device.

(3) After connecting to the Evalue device, enter the WiFi password: FevXXXX#, where XXXX is the last 4 digits of the device serial number.



(4) When connected After connecting to WiFi, open a web browser and enter the charging station's ethernet IP address to access the charging station system webpage.



User Account : evalue
 User Password : 000000
 The first time you log in, you will be prompted to change your password. You can proceed to change your password at that time.

2. Function Description

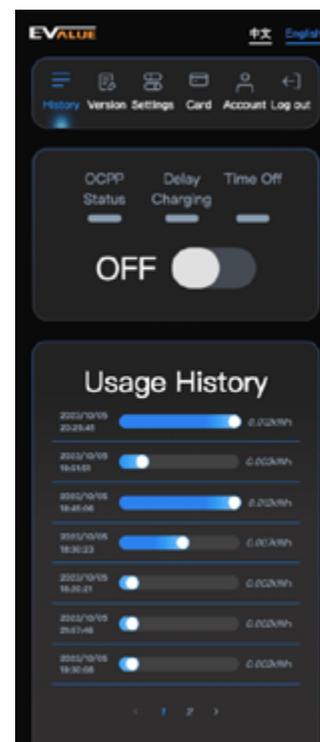
(1) Usage Record

1. One page displays 7 charging records.

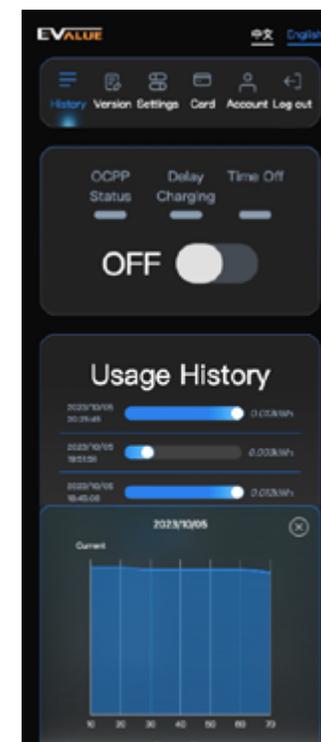
2. Clicking on a single usage record will show detailed information

- Date (year/month/day), time (hour/minute/second), bar chart displaying usage, and electricity consumption.
- Clicking on a single charging record will display the charging curve [charging time (x-axis) vs. current (y-axis)].

User Interface



Charging records



Detailed Charging Record Information

(2) Charging Operation/ Charging Station Status

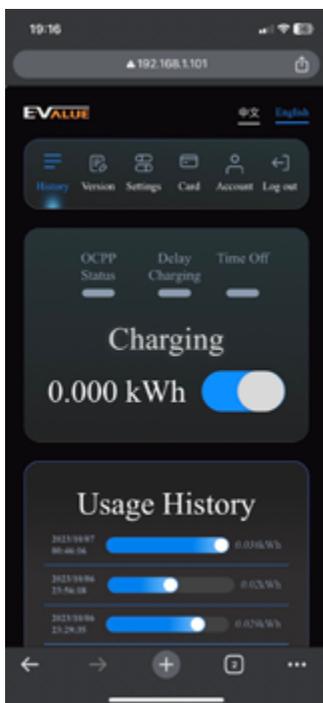
1.Charger Status - On/Off, Displayed as:

- Charging On - Displays Usage
- Standby mode - Displays Not Enabled

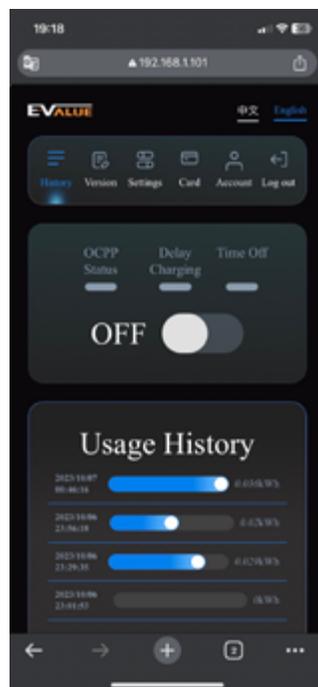
User Interface

2.Fault Indicator

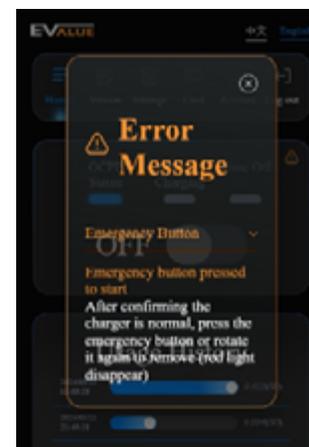
User Interface



Charger Charging mode Display



Charger Standby mode Display



Charging Pile Error Message

(3) Information

1. System information

- MCU version Update Download and Upload Available
- System version Update Available for Upload
- MCU/system Automatic Update
- Meter version
- Web version

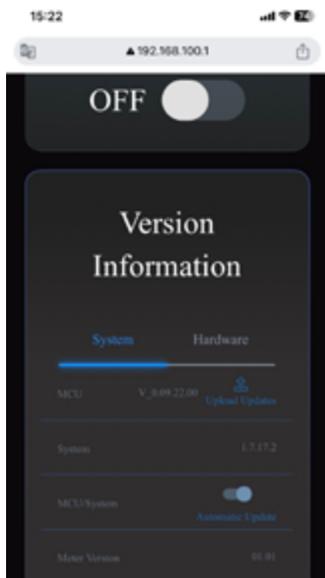
Enable manual update to display the following messages:

After uploading the update, the message will show: "Update Started","Updating, please do not refresh the page","Update Successful"

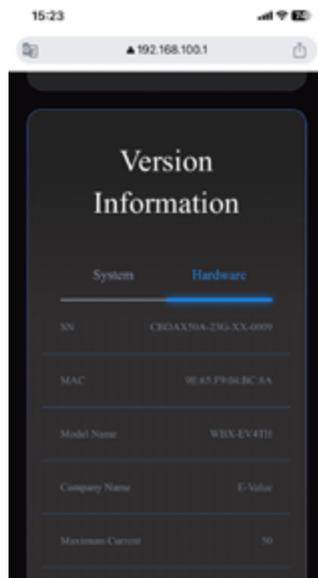
2. Hardware Version Information

- SN
- MAC
- ModelName
- CompanyName
- Maximum Current
- Wi-Fi RSSI Signal

User Interface



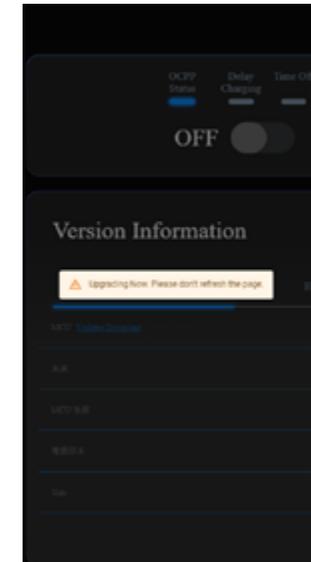
System Version Display



Hardware System Version Display



Update Download



Upgrading

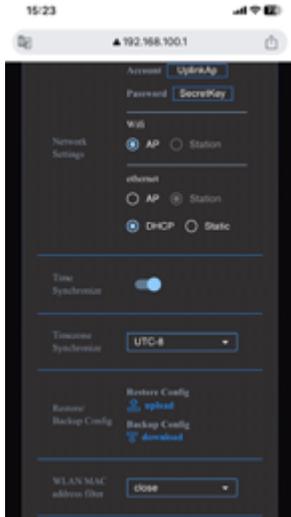


Update successfully

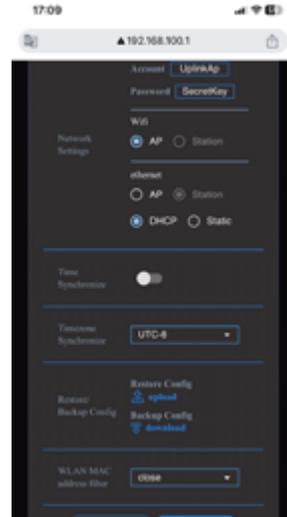
(4) Automatic Time Calibration

Automatic Time Calibration : Synchronization Switch (Enable Time Synchronization)

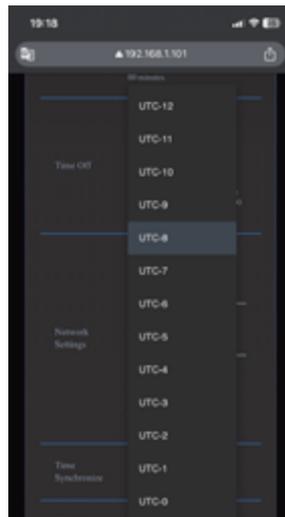
User Interface



Automatic Time Calibration Turned On for Synchronization



Automatic Time Calibration Turned Off for Synchronization

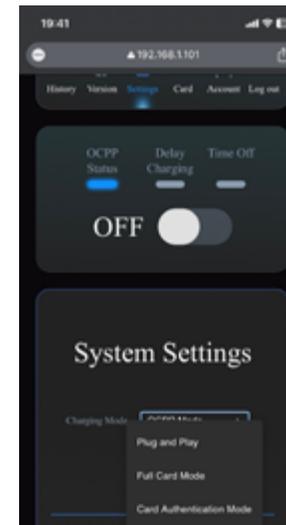


Automatic Time Calibration Time Zone Setting

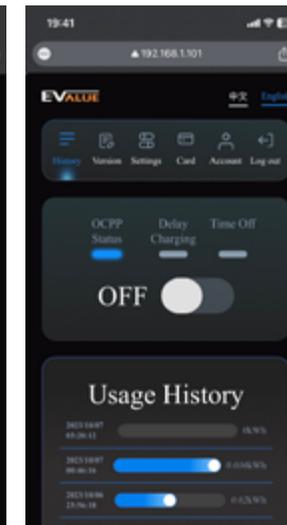
(5) Charging Mode Menu

1. Plug-and-play Function
 2. Full Function
 3. RFID Card Reading
 4. OCPP Mode - Charging Control Area Indicator Light Illuminated
- The charging pile DIP switches need to be set first: 1 off, 2 on, 3 off (OCPP mode). After selecting the settings, click save, and the system will reboot.

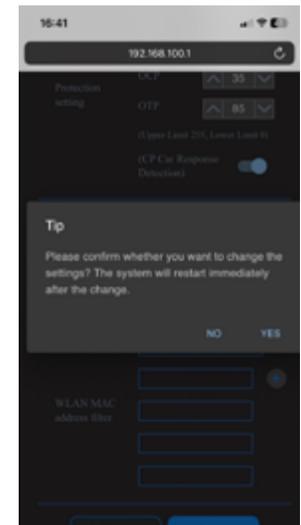
User Interface



Charging Mode Menu



OCPP Mode Indicator Light Illuminated



System Reboot Indicator

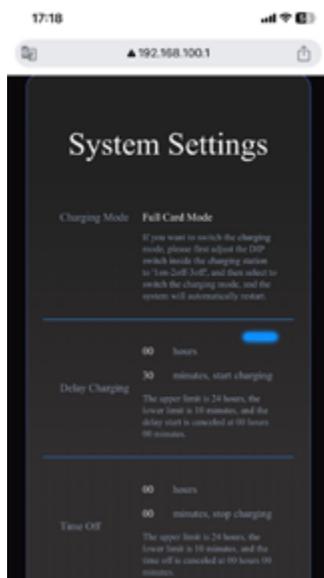
(6) Delaying Charge

1. On the main screen, click on "Settings" at the top to enter the system settings.

- Enter the desired charging delay setting in the "Enable Charging Time" field.
- Enter the setting in a 24-hour format, with a minimum delay of 10 minutes and a maximum of 24 hours.
- Once you've entered the setting, the indicator light next to the field will illuminate.

2. After completing the delayed charging setting, turn on the charging switch. At this point, the delayed charging time indication will appear, and the charging usage will display as "0." Charging will only begin after the set time has elapsed, and at that time, the charging usage will start to display.

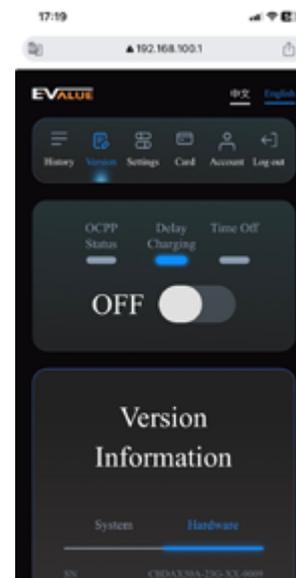
User Interface



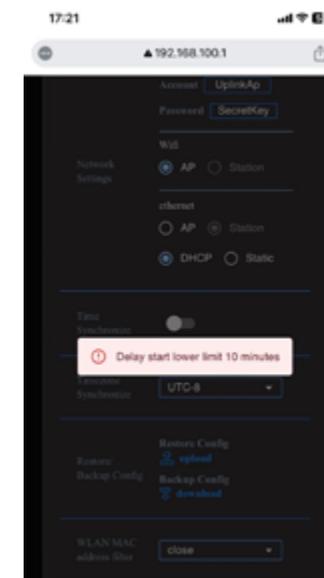
Delayed Charging Enabled Indicator Light Illuminated



Delayed Charging Off



Charging Control Area Delayed Charging Notification



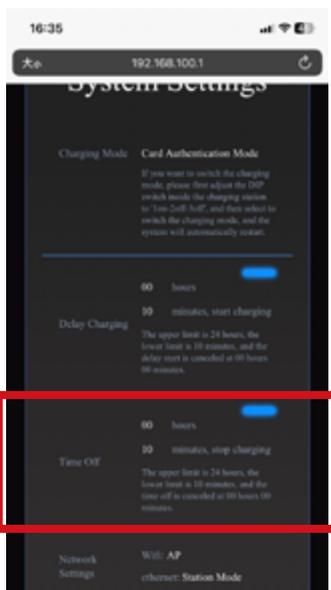
Minimum Delayed Charging Time Limit Error Notification

(7) Time off

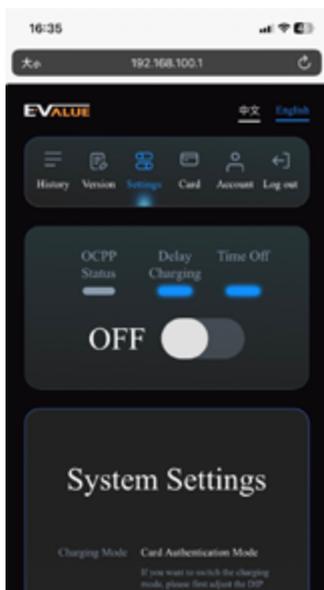
1. On the main screen, click "Settings" to enter the system settings.
 - Enter the desired end charging time for the scheduled shutdown.
 - After entering, the indicator light next to the field will turn on.
2. After charging actually starts (when the charging kWh display is not 0), the scheduled shutdown prompt will appear. When the set time is reached, the charging switch will automatically turn off.
3. The input time format is in a 24-hour system, with a maximum setting time of 24 hours and a minimum of 10 minutes

Note: In plug-and-play mode, when using the system webpage to stop charging or set the charging end time, the charging session will only end after the charging plug is removed.

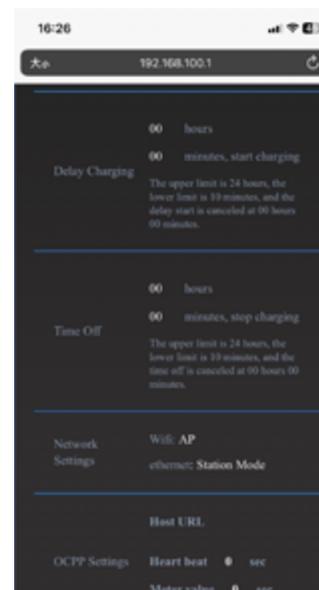
User Interface



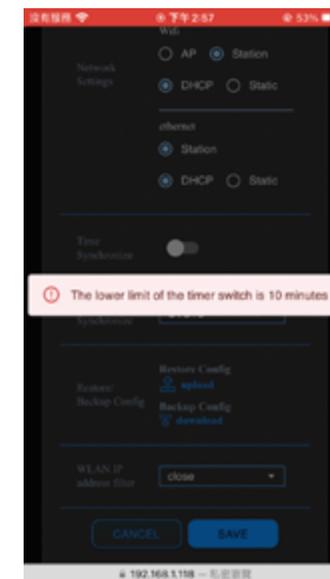
Time off Indicator Light



Charging Operation Area Display



Close Time off



Input Error Indicator

(8) Network Settings

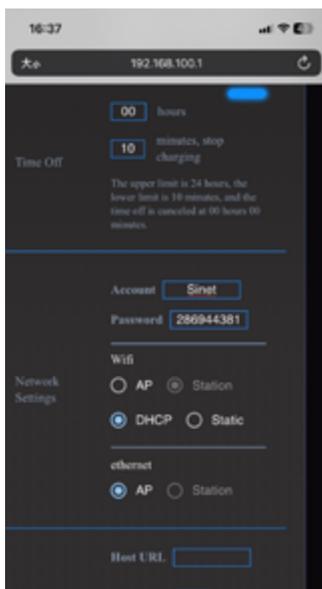
1. Wireless Network

- Change the wireless network to DHCP, save, and the system will automatically reboot.
- Change your phone's WiFi to match the saved WiFi in order to log in.

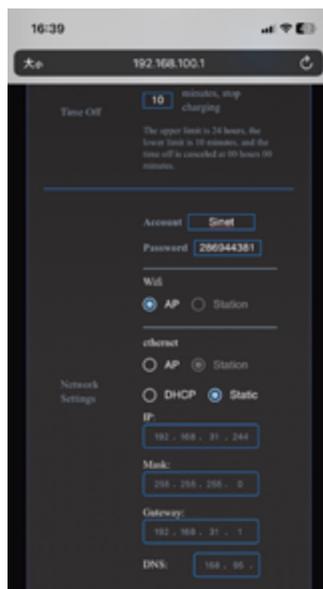
2. Wired Network

- Add DHCP/Static IP setting for the wired network.
- After entering the settings, click save, and switch to using the wired network to log in.

User Interface



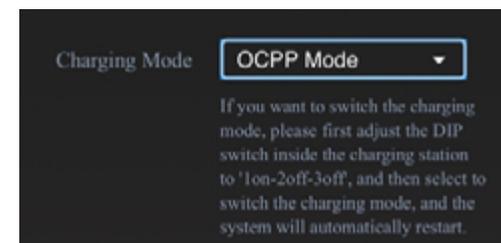
Wireless Network Settings



Wired Network Settings

(9) OCPP Settings

- If a backend connection is required, charging mode selects OCPP mode
- Enter the server URL and the meter value time interval in seconds.
- Please follow the format below:
ws://server IP/...
ws://server URL/...
- After saving, the system will automatically restart.

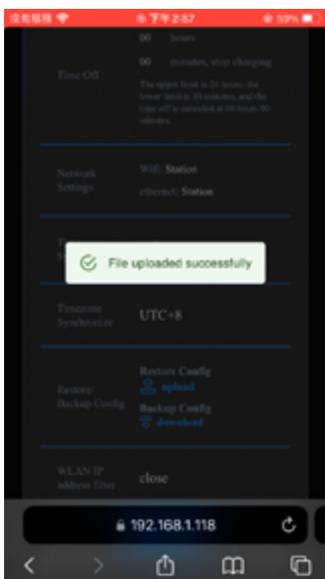


(10) Restore/Backup Config

Restore Config: Upload - Click to upload file.

Backup Config: Download - Click to download file.

User Interface



Restore Config Upload



Backup Config Download

(11) WLAN IP Address Filtering

1. Click on the field, select "Close, Allow,Reject".

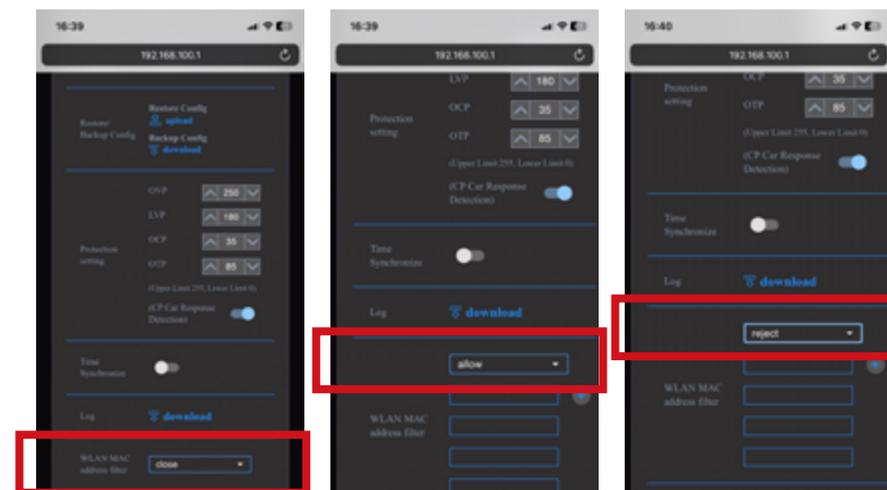
2. When selecting Allow or Reject:

- Below, a blank field appears where you can enter the IP address, with a "+" button on the right to add a new field.

- Allow: After saving, only the specified IP addresses can log in.

- Reject: After saving, the specified IP addresses cannot log in

User Interface



WLAN IP Close

Enter Allowed IP Addresses

Enter Rejected IP Addresses

(12) RFID Card Management

1. Card List

- The maximum limit for adding cards is 10.
- When the maximum limit is reached, a prompt will appear: "The card limit is 10, and you have added 10 cards."

2. Add a New Card

- Click on "Add New Card."
- (After listening the charger beep) Please place the card near the charging station's card reader for detection.
- Once the card is successfully read, the card number will appear in the upper left corner.
- A prompt will appear: "Card detection successful. Please enter your card name and click 'Start Adding Card.'"
- After entering the card name, click 'Start Adding Card.'
- The card addition is successful.

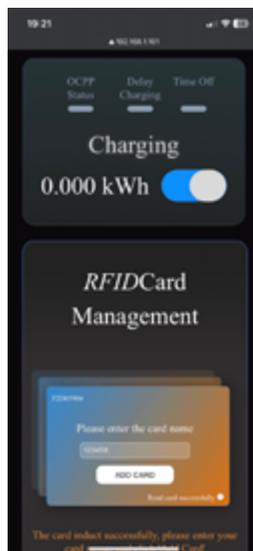
User Interface



Card Addition Limit Exceeded Notification



Card Reading

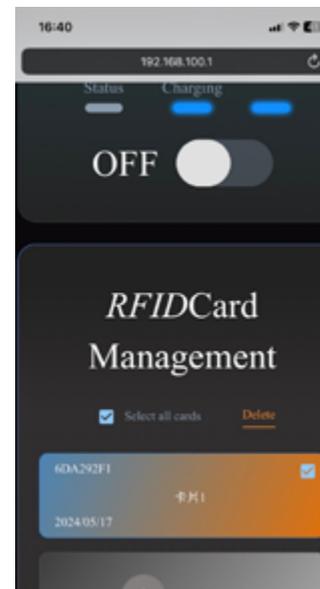


Enter Card Name to Start Adding Card

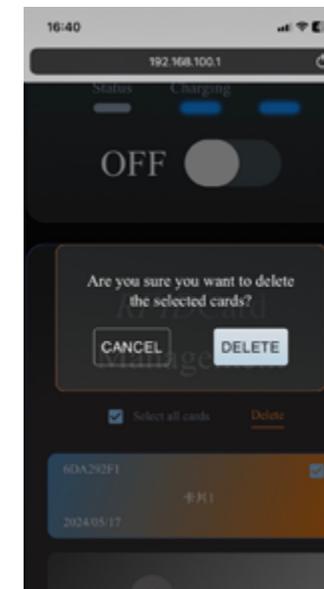
3. Delete Card

- The RFID card management page displays "Select All Cards and Delete".
- A selectable checkbox appears at the top right corner of each configured card.
- After selecting, you can delete the card.

User Interface



Select all cards



Delete Cards Indicator

(13) Account and Password Settings

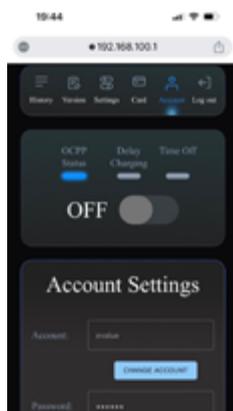
1. Change Account

- Click "Change Account" and enter the new account in the input field.
- After entering, click "Confirm Change", and a message will appear indicating the change is complete.

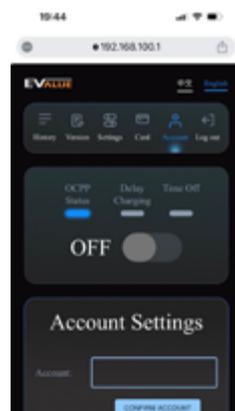
2. Change Password

- Click "Change Password".
- First, enter the old password.
- After entering the new password, re-enter it for confirmation.
- Once done, click "Confirm Change". After logging out, use the newly set password to log in.

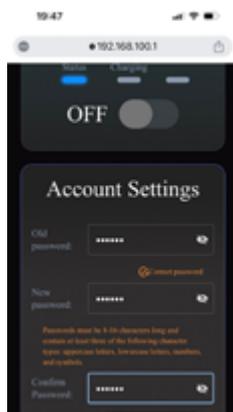
User Interface



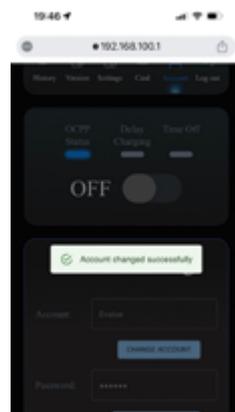
Account Setting



Change Account



Change Password



Changed Successfully Setting

Troubleshooting Q&A

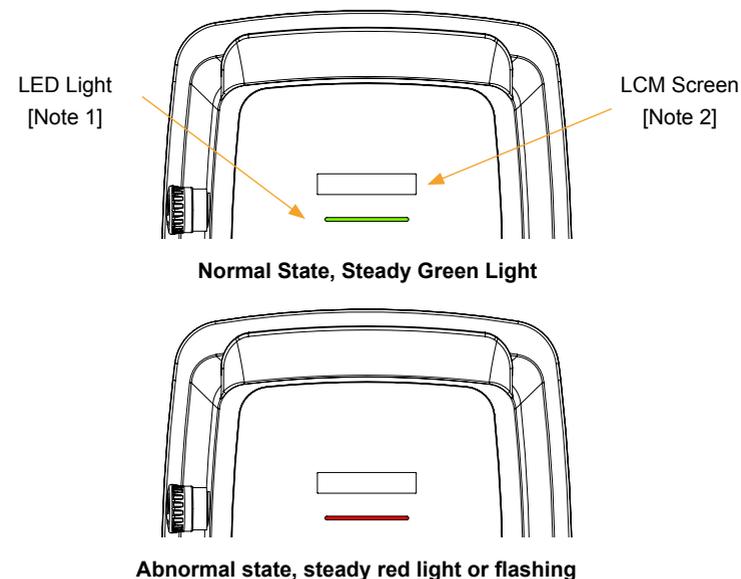
08

	LED Light [Note 1]	LCM Display Problem [Note 2]	Cause of Problem	Troubleshooting Mode
1	Steady Red Light	<p>“Start Emergency Button”</p>	<p>Start has already been pressed for emergency button</p>	<p>After confirming no abnormality on the charger, press the emergency stop switch located on the left side of charger once again to close the release</p>
2	Steady Red Light	<p>“Timeout! No Card Tap Reconnect The Plug” (The information page in Chinese/English displays alternately)</p>	<p>Card is not swiped after connecting the charging gun and vehicle (approximately 60 seconds)</p>	<p>Please remove the charging gun and reconnect with the vehicle and swipe the card.※</p>

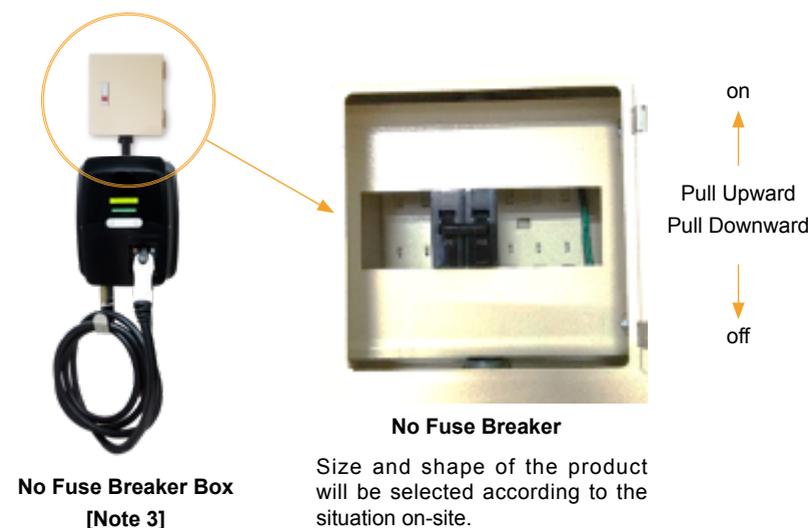
※Only applicable for the user who uses the RFID enable card to enable this AC charger. If the charger does not have the function of enable RFID sensing function, the error page will not be seen.

	LED Light [Note 1]	LCM Display Problem [Note 2]	Cause of Problem	Troubleshooting Mode
3	Red Light Flashing for 5 times	"Output current too high"	The charging current exceeds the maximum setting value of output current, charger enters into the protection mode and stop the power supply.	Please turn off the power switch of charger (no fuse breaker [Note 3]), and then restart the charger, if it continues to occur, please contact with professional for assistance.
4	Red Light Flashing for 5 times	"Malfunction Abnormal Voltage"	If the AC IN voltage is too low or too high, the charger will enter protection mode and stop the power supply.	
5	Red Light Flashing for 9 times	"Malfunction Abnormal Meter" "Meter is abnormal"	Error occurred on the built-in electricity meter of charger.	
6	Red light flashing for 3 times	"Wrong card"	The sensing card used by the charger is damaged or the sensing card used by the charger has not been set.	Please confirm that the enable card used is the unique card certified by the charger. If the card is correct and the card error is still displayed, please contact the professional for assisting in replacing the enable card or re-entering the card number.
7	Red Light Flashing for 5 times	" 温度異常 OTP"	Internal Temperature Abnormality Detected in the Charger.	Please, under dry conditions, switch off and on the residual current circuit breaker inside the power box. This step is to initially rule out whether it is a power supply issue. If the issue persists, please contact a professional for assistance.

※Only applicable for the user who uses the RFID enable card to enable this AC charger. If the charger does not have the function of enable RFID sensing function, the error page will not be seen.



For example: When the abnormality of "Please remove the charging gun due to the card has not been sensed yet" occurs, the LED light will flash for 3 times continuously, and then continuously flash for 3 times again with the interval of 1-2 seconds. This action will be repeated until the abnormal problem is troubleshot.



Size and shape of the product will be selected according to the situation on-site.

Limited Quality Maintenance of Charging Equipment

09

1.General Terms

- This charger is warranted for 2 years from the date of warranty. The warranty scope includes the charger body and its internal electronic components (except consumables, such as fuses), charging guns, if the warranty stickers have damages, removal trace, or man-made damages, no warranty will be provided even during the warranty period.
- The limited quality maintenance commitment made by Fortune Electric Value Co., Ltd. starts from the date of installation of charger product made by Fortune Electric Value Co., Ltd. for two years ("Quality Warranty Period") to enjoy the quality warranty for the failure presented on the charger itself. This does not include but not limited to the defect or damage caused to the charger of Fortune Electric Value Co., Ltd. due to the following situations, that does not enjoy the limited maintenance warranty:
 - Any direct or indirect damage or malfunction caused due to the normal wear or aging, misuse, abuse, negligence, accident, improper use or storage environment.
 - Fail to follow the operating instruction manual and pre-cautions required by Fortune Electric Value Co., Ltd. for this charger.
 - External factors, including but not limited to collide the charger of Fortune Electric Value Co., Ltd. with objects, the surrounding storage environment or natural disasters (including but not limited to fire, earthquake, flood, lightning and other environmental conditions).
 - General appearance damage, including scratches, dents or cracks.
 - An individual or organization who has not been authorized or licensed by Fortune Electric Value Co., Ltd. to repair, replace or modify the charger of Fortune Electric Value Co., Ltd. in any way, or install or use any parts or accessories.
 - Lacking or performing improper repair or maintenance; and including the use of accessories or parts not provided by Fortune Electric Value Co., Ltd.

2.Limitation of Liability

- If the construction/installation of charger is performed by the professional personnel not certified by Fortune Electric Value Co., Ltd. that causes the damage to the equipment, it will not be covered by the warranty scope. If any personal injury or property damage occur, this company will not be liable for any legal responsibility and compensation for damage.
- Regarding the part not covered by the above stated rights, Fortune Electric Value Co., Ltd. does not assume any liability beyond the remedial measures contained in this operating instruction manual, including but not limited to unable to use any product, profit loss, business loss or liability from the data or software loss, demolition, damage or service terms. Except as specifically stated, Fortune Electric Value Co., Ltd. shall not be liable for any derivative, special, indirect, punitive damages (even if Fortune Electric Value Co., Ltd. has already aware that such damage may occur), or be responsible for claims from any third party. For any liability as related to the purchase of the product,

you agree, Fortune Electric Value Co., Ltd. shall not be responsible or liable for paying any compensation in excess of the dollar amount you ordered. In the complaints made by consumer, the scope of responsibility for assisting in clarifying the major casualty or criminal event may be even wider than the damage caused by negligence, under such circumstance, Fortune Electric Value Co., Ltd. will not try to exclude the relevant liability.

3.Maintenance

- If there is dust or dirt on the charger surface, wipe the surface with the dry cloth. Do not use the organic solvent or volatile liquid for wiping to avoid damaging to the charger housing and the risk of fire.
- The qualified electrical professionals at the location may perform the regular test to check if the primary or secondary side contact of the no fuse breaker in the external switch box has any loose or foreign objects.
- When the charger is not used for a long term, the no fuse breaker in the external switch box can be turned off.

- **Model:**
CBDA-X80A

- **Serial Model:**
CBDA-X80-A4,CBDA-X80-A7,CBDA-X70A,CBDA-X50A,CBDA-350A,CBDAX50A-A4,CBDA-X50A-A6,CBDA-X50A-A7,CBDA-X40A,CBDA-X40A-A6,CBDAX32A,CBDA-X32A-A6,CBDA-X24A,CBDA-X24A-A6,CBDA-X16A,CBDA-X16A-A6,CBDA-X70B,CBDA-X70B-A4,CBDA-X70B-A7,CBDA-X50B,CBDA-X40B,CBDAX32B,CBDA-X32B-A4,CBDA-X32B-A7,CBDA-X32B-Y1,CBDA-X24B,CBDA-X16B

Serial Model	Output Current	Power Output (kW)	Charging gun SPEC	KG
CBDA-X80A,CBDA-X80A-A4,CBDA-X80A-A7	80	17.6	SAE J1772	10.5
CBDA-X70A	70	15.4	SAE J1772	10.5
CBDA-X50A,CBDA-X50A-A4,CBDA-X50A-A6,CBDA-X50A-A7,CBDA-350A	50	11	SAE J1772	9.2
CBDA-X40A,CBDA-X40A-A6	40	8.8	SAE J1772	9.2
CBDA-X32A,CBDA-X32A-A6	32	7.04	SAE J1772	9.2
CBDA-X24A,CBDA-X24A-A6	24	5.28	SAE J1772	9.2
CBDA-X16A,CBDA-X16A-A6	16	3.52	SAE J1772	9.2
CBDA-X70B,CBDA-X70B-A4,CBDA-X70B-A7	70	15.4	IEC 62196	10.4
CBDA-X50B	50	11	IEC 62196	10.4
CBDA-X40B	40	8.8	IEC 62196	10.4
CBDA-X32B,CBDA-X32B-A4,CBDA-X32B-A7,CBDA-X32B-Y1	32	7.04	IEC 62196	7.9
CBDA-X24B	24	5.28	IEC 62196	7.9
CBDA-X16B	16	3.52	IEC 62196	7.9

Fortune Electric Value Co., Ltd.

12F, No. 66, Sanchong Rd., Nangang Dist., Taipei City 105403, Taiwan (R.O.C.)

Toll-free Customer Service Hotline: 0800-885-150

Official Website: www.evalue.com.tw

Contact Us: sevice@f-evalue.com

Made in Taiwan

