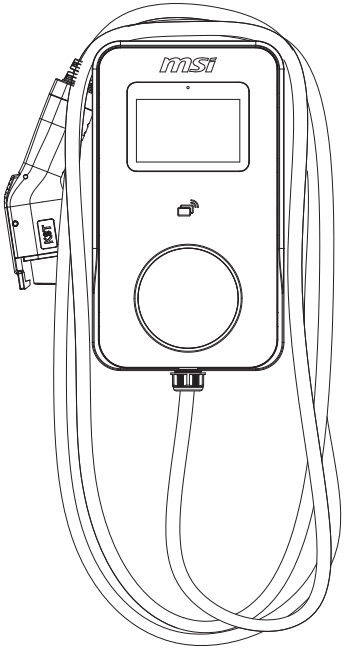


Eco

User Manual

Copyright © 2025 Micro-Star International Co., Ltd.

Version : v2.0 Date : 202606

CONTENT

1. Disclaimers 1
1.1 Copyright 1
1.2 Disclaimer 1
2. Safety Instructions 2
2.1 Symbol 2
2.2 Important Safety Instructions 2
3. Product Introduction 4
3.1 Introduction 4
3.2 Product Overview 4
3.3 Dimensions (Unit:mm) 5
4. Specification 6
5. Packing List 8
6. Installation Instructions 9
6.1 Safety Requirements 9
6.2 Installation Requirements 11
6.3 Required Area for Placing and Maintaining 12
6.4 Installation Steps 13
7. Operating Instructions 17
7.1 LED Indication and Operation Status 17
7.2 Display Screen Overview 17
7.3 Operating Instructions 18
7.3.1 aConnect (non-OCPP) 18
7.3.2 oConnect (OCPP) 20
7.4 Getting Started 21
8. Troubleshooting 24
9. Warranty and Maintenance 26
9.1 Warranty 26
9.2 After-Sales Services 27
9.3 Daily Maintenance 28
9.4 Removal,Recycling and Disposal 29
Regulatory Information 30

Revision History

Version	Date	Description
• V1.0	2025/11	First Issue
• V2.0	2026/06	Updated specifications and Operating.

1. Disclaimers

1.1 Copyright

- Unauthorized reproduction or distribution of this manual is prohibited without the permission of MSI.
- This manual may not be modified, added to, deleted from, reproduced, copied, republished, translated, excerpted, publicly disclosed, or sold, in either printed or electronic form, without the permission of MSI.
- Except with express written permission, no authorization or license to any patent, copyright, trademark, trade secret, know-how, or other intellectual property is granted under this business partnership.
- MSI reserves the right to make changes to this product without further notice.
- The manual is for reference only regarding operation and installation and shall not be deemed a contractual condition.

1.2 Disclaimer

This document is intended to assist with the installation, operation, and maintenance of the Electric Vehicle Supply Equipment (EVSE). Although every effort has been made to ensure the accuracy and completeness of the information contained herein, adherence to the instructions, recommendations, or guidelines provided does not guarantee the proper functioning or performance of the equipment under all circumstances or conditions.

MSI (Micro-Star International Co., Ltd.) assumes no liability for the following:

- Damage or malfunction resulting from the installation or operation of the equipment not in strict conformance with the documentation of the Electric Vehicle Supply Equipment (EVSE).
- Damage or personal injury resulting from unreasonable, improper, accidental use, maintenance, and/or storage of the equipment.
- Malfunction or equipment damage caused by software installed by the user.
- Loss of data, software corruption, or disputes over service.
- Losses not covered by the service scope, such as personal time loss, business interruption, or travel delays.
- Incidental expenses incurred in response to damages, including towing, transportation, rental vehicles, communication, or shipping costs.
- All indirect, consequential, special, or punitive damages, and any third-party claims not explicitly agreed upon.

- Any and all express or implied warranties, including but not limited to warranties of merchantability and fitness for a particular purpose, are disclaimed.

By using this product, you acknowledge and accept the above terms. If you have any questions, please contact an authorized technician or the MSI Customer Service Center.

2. Safety Instructions

2.1 Symbol

The symbols appearing in this manual indicate the following meanings:

WARNING : Indicates an imminently hazardous situation which, if not avoided, will result in serious injury or death.

CAUTION : Indicates a potentially hazardous situation which, if not avoided, could result in injury, but is not life-threatening.

NOTICE : Provides helpful tips to improve the safe and efficient use of the equipment.

2.2 Important Safety Instructions

When using electrical products, basic safety precautions should always be observed. This manual contains important instructions which must be followed during installation, operation and maintenance to ensure safe and reliable use.

- This device must be Earth Ground.
- Do not install or use the charger near flammable, explosive, corrosive, or combustible materials, chemicals, or vapors.
- The EVSE should be installed only by a licensed contractor or licensed technician. Obey all national and local building codes,electrical codes, and safety standards.
- It is the responsibility of the owner/installer/ operator to determine the appropriate handling equipment and methods for moving the equipment safely.
- Do not use the charger when either you, the vehicle or charger is exposed to severe rain, snow, or other severe weather.
- Do not use adapters or extension leads, in order to avoid fire or malfunction.
- Do not forcefully pull the charging cable, damage it with sharp objects, or place fingers or insert foreign objects into any part of the charging connector.
- Do not attempt to open, disassemble, repair, tamper with, or modify the charger. Contact our Customer Service department if you have any questions or require the replacement or repair of any parts.

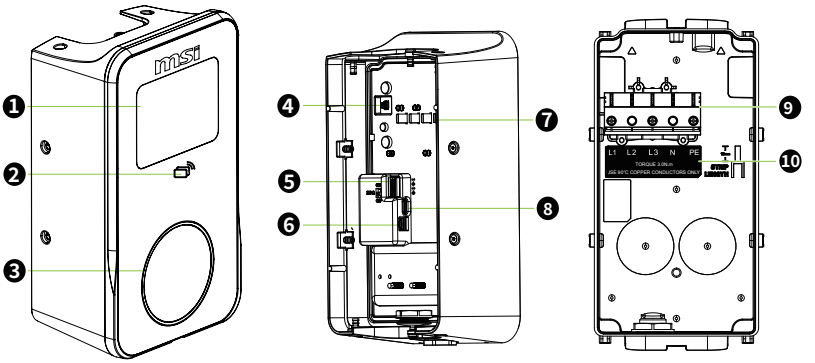
- Do not use this product if the enclosure or the EV connector is broken, cracked, open, or shows any other indication of damage.
- This device should be supervised when used around children.
- If low-power frequency devices interfere with flight safety or legal communications, they must be deactivated immediately.
- Before installation, ensure compliance with all applicable local, national, and international codes and safety standards. Confirm the cable diameter, wire type, and temperature rating.It is recommended to use XLPE-insulated copper conductors rated at 90°C.
- Damage resulting from improper installation or testing is excluded from the warranty and may affect the vehicle, its battery, and associated components and equipment.
- The AC power cord is fitted with a NEMA plug and may only be used with NEMA 14-50 standard sockets. Do not disconnect the charger from the power supply during charging.
- It is normal for the charging cable to become approximately 10°C warmer than the ambient temperature during charging due to the high current flow.

3. Product Introduction

3.1 Introduction

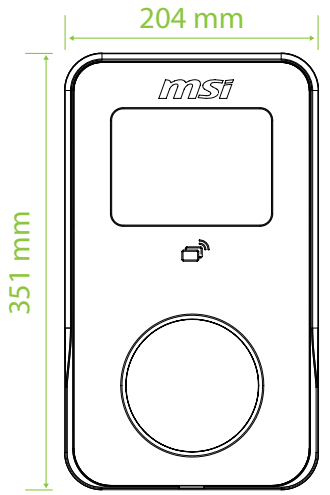
Thank you for choosing the MSI EV charger which is designed to provide a reliable, stable, and efficient charging solution for both Battery Electric Vehicles (BEVs) and Plug-in Hybrid Electric Vehicles (PHEVs).
The MSI EV charger has a user-friendly interface and is easy to install. It is safety certified and provides excellent waterproof and dustproof protection, making it suitable for home and commercial use.

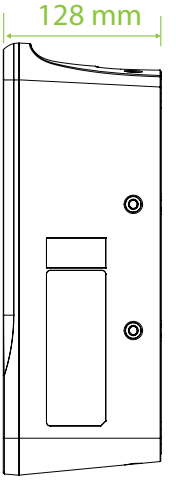
3.2 Product Overview



Item	Description
1	5-inch LCD
2	RFID Reader
3	LED Indication
4	Grounding system
5	RS485 Port
6	RJ45 Port
7	Blade Male Connector
8	Sim Card slot
9	Blade Female Connector
10	Wiring Order Label

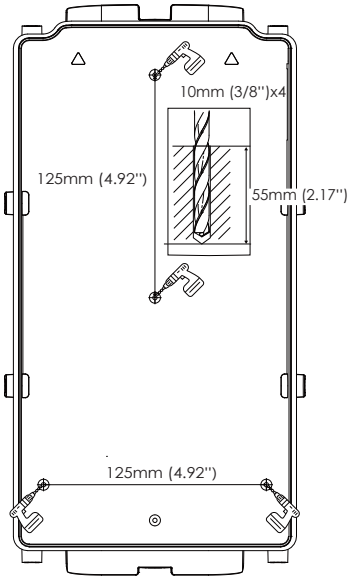
3.3 Dimensions



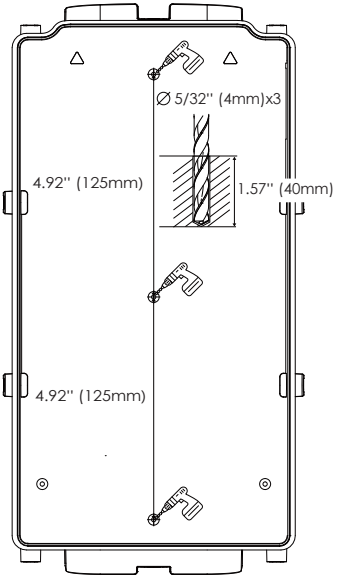


Installation Type

For concrete and brick walls



For Wood-structured wall



4. Specification

Basic

Model Name	Eco Life	Eco Premium
Voltage Rating	Three-Phase 380 ~ 415 Vac	
Number of Phase	L1 / L2 / L3 / N / PE	
Frequency	50/60 Hz	
Rated Output Current	16A / 32A /48A	
Max. Output Power	22 kw (Max.)	
Output Interface	Type1 / Type 2	
Meter accuracy	±1%	

Mechanical

Dimensions(mm)	351(H) x 204(W) x 128(D)	
Weight(kg)*without plug	4.0	4.1
Cable Length(m)	5 / 7.5	
Ingression Protection	IP65 (Without socket)	
Anti-vandalism	IK08	
Cooling	Natural cooling	
Installation Type	Wall-Mount	

Protection

RCD	32A : External Type A+Built-in DC6mA 48A : External Type B
Input Protection	OVP*1,UVP*2,RCD*3,SPD*4,OLP*5,GFI*6
Output Protection	OCP*7,OTP*8,Control Pilot Fault, Automatic charging recovery
Internal Protection	Charging delayed after power recovery

OVP*1 : Over Voltage Protection
UVP*2 : Under Voltage Protection
RCD*3: Residual current Protection
SPD*4 : Surge Protection Device
OLP*5 : Overload Protection
GFI*6 : Ground Fault Interrupter
OCP*7: Over Temperature Protection
OTP*8 : Over Current Protection

Regulations

Safety	IEC 61851-1、IEC 62196- 1 IEC 62196-2、IEC 62893-3 EN 17186:2019、EN 18031 CTEP (Precision<1%)

Environmental Conditions

Operation Temperature	-30 ~ 50°C
Relative Humidity	95% (non-condensing)
Altitude	≤3000m (9842ft.)

User Interface and Control

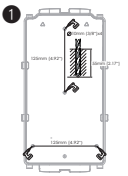
Model Name	Eco Life	Eco Premium
User Interface	LED Light Indicator	LED Light Indicator 5-inch LCD
User Authorization		
APP	●	●
RFID	●	●
QR code	—	●
Communication		
Bluetooth	●	●
Wi-Fi	●	●
Ethernet	●	●
4G LTE	●	●
RS485	●	●
OCPP	1.6J/2.0.1 (OTA Update)	

Notice :

- Max weight (including cable): 7 kg
- Displayed values (voltage, current, power) may differ from actual by ±1%.

5.Packing List

Quick Guide x1



Drill Template x1

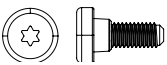
Warranty Card x1

NFC Card x2

M10 Wall Anchor x4

M6 Self-Tapping Screw x4

M6 Washer x4



M6 Torx Screws x10

T20 L-Wrench x1

Terminals x5

Notice :

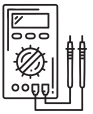
- If any of the above items are damaged or missing, please contact your retailer.

Recommended Tools and Materials

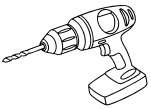
Phillips Screwdriver

Wire Stripper

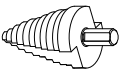
Crimping Tools



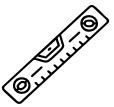
Multimeter



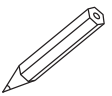
Drill Diver



Step Drill



Level Ruler



Marker Pen

Cable Gland

Conduits

Notice :

- For reference only. Select tools and materials based on site conditions.

6. Installation Instructions

6.1 Safety Requirements

Safety guide

Read all instructions before installation, and ensure the AC charger is installed by a qualified technician according to the user manual and applicable safety regulation

- Do not use any extension cable or adaptor when connecting the electric vehicle to the charging device.
- The effect of the distance between the distribution box and the equipment on voltage drop must be considered during installation.
- Ensure proper grounding of the charger, and confirm that the ground resistance is less than 500 Ω to ensure safety.
- Ensure all terminal screws are properly tightened and crimped connections are secure to prevent overheating or fire hazards
- Ensure all cables are routed through specified conduits and fittings to prevent exposure, damage, or potential hazards.
- A Residual Current Circuit Breaker (RCCB) must be installed with each charger. Failure to do so may result in electric shock or fire.

Circuit Breaker

Ensure the power supply system complies with local regulations and is equipped with proper overcurrent protection.

- Maximum power output requires the installation of a standard circuit breaker on a dedicated external circuit.
- The circuit breaker shall automatically disconnect the power supply in the event of overcurrent or short circuit to ensure the safety of the equipment and users.
- For systems with multiple charging circuits, each circuit shall have its own overcurrent protection device.

Notice :

- Do not share a circuit breaker between chargers to ensure proper protection.

Circuit Breaker (A)	Rated Output Current (A)	Voltage Rating 380V (kW)
60	48	18.2
40	32	12.1
20	16	6.1

Upstream RCD/RCCB (External)

According to local regulations, electric vehicle supply equipment (EVSE) shall be equipped with an appropriate Residual Current Device (RCD) to ensure the safety of both personnel and equipment.

This product is equipped with a Built-in Type A RCD + DC 6 mA detection, external Type A RCD required.

- The power supply circuit shall include an RCD with a rated operating current not exceeding 30 mA.
- If the charging equipment presents a potential risk of DC residual current, one of the following measures shall be adopted :
  - Install a Type B RCD, or
  - An appropriate device, such as a Type A RCD in combination with equipment ensuring disconnection of the supply when the DC residual current exceeds 6 mA.

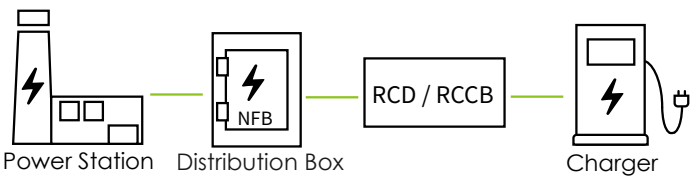
Electrical Circuit Protection

Installation of an appropriate RCD/RCCB is required to safeguard personnel and equipment.
The following are two common configuration methods:

Option 1 : Standalone Protection

- NFB : Provides overcurrent and electric leakage protection.
- RCD / RCCB : Trips the circuit upon leakage detection.

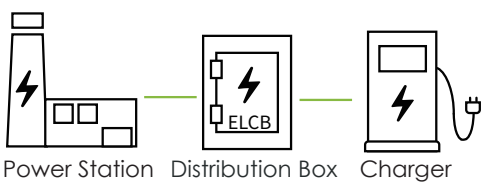
Refer to the following: : NFB + RCD / RCCB



Option 2 : Integrated Protection

ELCB : Suitable for limited-space installations, offering both overcurrent and leakage protection.

Refer to the following : ELCB



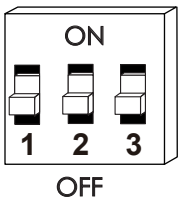
Current and Grounding Settings

Eco supports different current setting and grounding types through configuration of the switch.

If you need to change the current, you can do so using the switch or the aconnect.The charger will always follow the minimum value between thehardware and software configurations.

CAUTION :

- Before setting the DIP switch turn off the input power of the charger.

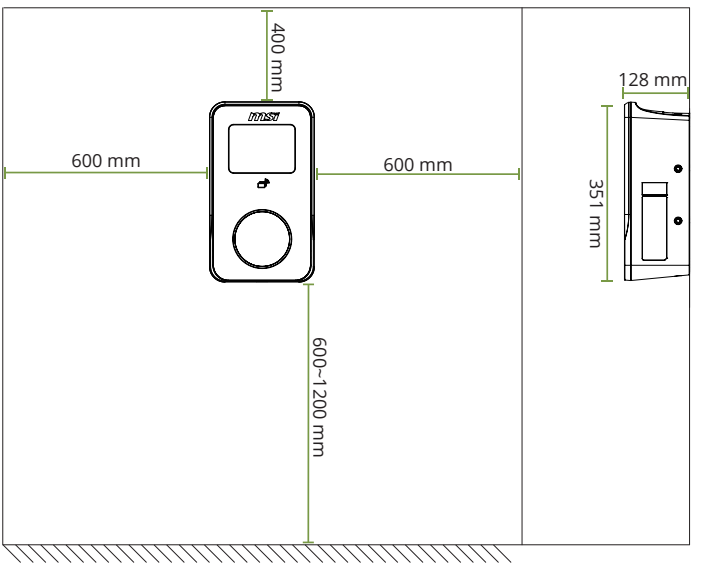


Current Setting	Port1	Port2
48A	OFF	OFF
40A	ON	OFF
32A	OFF	ON
16A	ON	ON

Grounding Type	Port3
TT	OFF
IT	ON

*Refer to the example of the switch.

6.2 Required Area for Placing and Maintaining



This manual contains important instructions, including the following, that must be followed during installation, operation and maintenance. This space is calculated as follows:

- The distance between chargers shall range from 600mm (23.6 in) to 1200mm (47.2 in).
- Top clearance:400 mm(15.75 in)
- Left and right clearance: 600 mm (23.6 in), in order to guarantee unimpeded airflow.

6.3 Installation Requirements

Pre-Installation Site Requirements

Before starting the installation, ensure that all workplace condition requirements are met.

- The installation site should be dry, allow unimpeded airflow, and be protected from direct sunlight.
- Ensure that the wall is completely flat and capable of supporting a minimum load of 25 kg.
- A power supply with the proper rated voltage and current shall be provided for use with the EV charger.
- Ensure proper grounding of the power source, and verify that all electrical connections comply with applicable local electrical codes and standards.
- The product must be properly grounded to ensure safe operation.
- Install waterproof cable glands and conduits on power and communication ports to protect the EV charger.
- After wiring is completed, perform proper waterproof sealing.
- All wiring shall be neatly arranged to prevent interference with internal components.
- Ensure that the wire type, diameter, current rating, and temperature rating comply with local electrical standards and requirements.
- Do not install or operate the product outside the ambient temperature range of -30 °C to +50 °C.
- The equipment shall not be subjected to excessive impact to prevent electrical hazards or device failure.
- Use grounded, shielded RJ45 connectors to reduce electromagnetic interference (EMI).
- Do not bend, damage, or discolor electrical wires, as this may cause abnormal heating or safety hazards.
- Only authorized personnel are permitted to access the installation area.
- Clean the surface with a soft, dry cloth or a well-wrung damp cloth during installation.

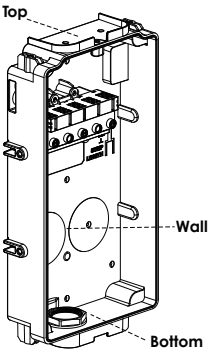
Item	Remark
Distribution Box	Installation for RCD/ELCB/NFB
NFB (No-Fuse Breaker)	Meet local electrical standards
ELCB (Earth Leakage Circuit Breaker)	
RCD (Residual Current Device)	

6.4 Installation Steps

Step 1.

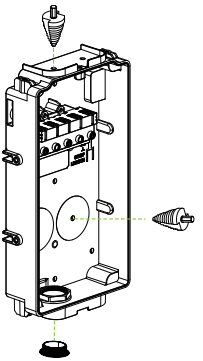
Electrical Wiring Options

Before installation, choose one of the three cable entries on the rear cover according to your site conditions.
For optimal protection, use a single cable entry direction.



Drilling Options

Before drilling, ensure that the hole size meets the waterproof gland specifications and complies with local regulations.



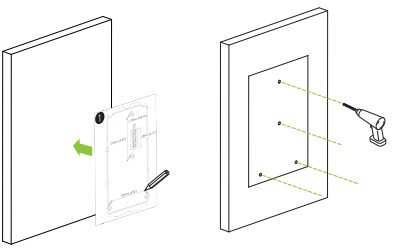
Step 2.

Drilling Marke

Use the positioning template to find the best installation location for the charger, then mark the 4 mounting hole positions with a marker pen.

Fit the Ø10 mm (3/8") masonry bit to your cordless drill and make holes at the marked points.

- Depth of 55mm (2.17" or 2 3/16").



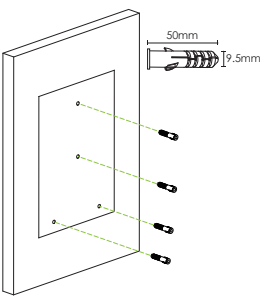
Step 3.

Install Plastic Wall Anchor

After drilling, insert the 4 provided plastic wall anchors into the wall.

Plastic wall anchor size:

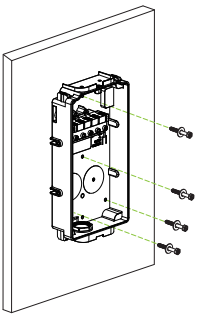
- Specifications : Ø10 mm (3/8")
- Depth of 50 mm(2')



Step 4.

Securing the Cover

Use M6 self-tapping screws and washers to secure the rear cover to the 4 mounting holes.
Torque : 8–10 N·m.



Step 5.

Power Cord Wiring Installation

Install the AC input cable (rated for the required current) according to the cable entry direction selected in Step 1.
Max. Cable Gland : M32 (Ø32 mm or 1.25")
Max. Conduit : Ø25.4 mm or 1"

Notice :

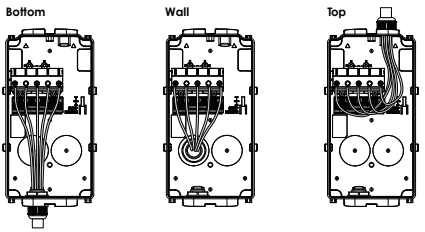
- Please follow the local regulation and general specification for installation.

Amps	AC input power cable
48	6AWG(14 mm²), 90°C
32	8 AWG(8.4 mm²), 90°C
16	12 AWG(3.3 mm²), 90°C

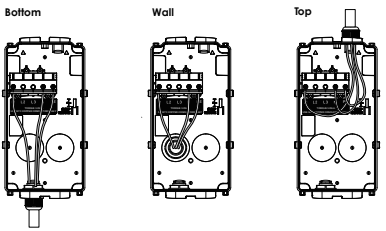
Use terminals with a torque of 3.0 N·m.

Three-phase

Wiring order :



Single-phase option avaliable.



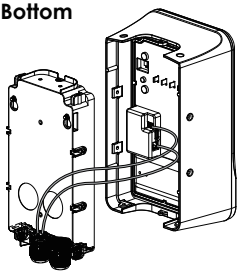
Signal Cable Wiring Installation

Install the signal cable in the direction chosen in Step 1.
Max. Cable Gland : M32 (Ø32 mm or 1.25")
Max. Conduit : Ø25.4 mm or 1"

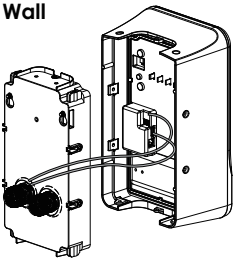
Notice :

- Use Cat.6a or higher-grade STP (Shielded Twisted Pair) Ethernet cables.
- Do not use UTP (Unshielded Twisted Pair) cables.

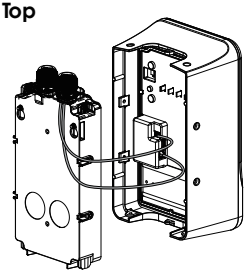
Bottom



Wall



Top



Step 6.

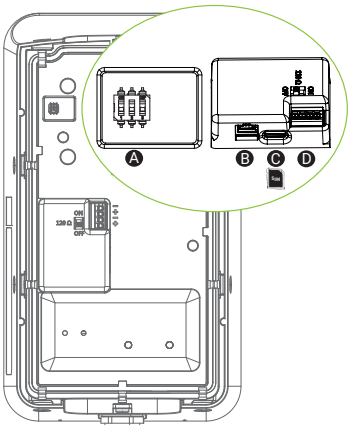
CAUTION :

- Turn off the input power of the charger.

Optional Components

Ⓐ Dip switch

Eco supports different current Setting and grounding types through configuration of the switch.



Ⓑ LAN Port

Eco offer an optional LAN port for wired connection

Ⓒ SIM Card Slot

Eco offer an optional SIM card slot for LTE/4G connection. Insert a SIM card if needed.

Ⓓ RS485

RS485 communication supporting Modbus or other serial communication protocols.

Step 7.

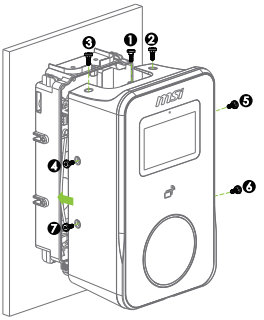
Installing the Charger

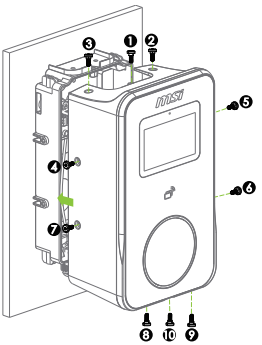
Align the charger with the rear cover and insert it into position.
Secure the main body to the wall mount using the provided T20 L-wrench and M5 Torxscrews in two steps:

Pre-tighten : Tighten screws in sequence from 1 to 7.
Fully tighten : Tighten all screws in sequence from 1 to 10 to ensure a secure installation.

CAUTION :

- Ensure proper sealing of power and communication ports with waterproof connectors and conduits to prevent water and dust ingress.





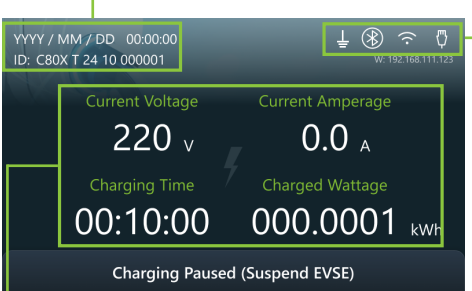
7. Operating Setting

7.1 LED Operation Status

Status	Description
Charging / Terminate	Breathing Blue
Connect plug	Flickering Green
Return plug	Breathing Green
Finished	Constant Blue
RFID Authorization Pass	Constant Green (3 seconds after the light turns white/blue)
RFID Authorization Fail	Constant Red (3 seconds after the light turns white/blue)
Software downloading	Breathing Yellow
Software upgrade	Constant Purple
Ethernet & WiFi Backend connected	Constant White
Ethernet & WiFi Backend disconnected	Breathing White
Ethernet & WiFi Connection Fail	ConstantWhite
Error	Constant Red

7.2 Screen Overview

- Time Format YYYY/MM/DD
- ID Device name



- Current Voltage
- Current Amperage
- Charging time
- Charged Wattage

- Grounding System
  Connected / Not Connected
- Bluetooth
  Connected / Not Connected
- WI-FI
  Connected / Not Connected
- Ethernet
  Connected / Not Connected

7.3 Charging Operation

7.3.1aConnect (non-OCPP)

APP

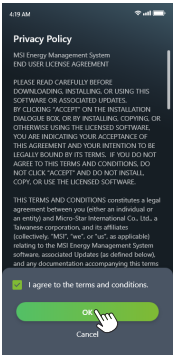
Enable Bluetooth, scan the QR code to download and pair aConnect, then control your charger.

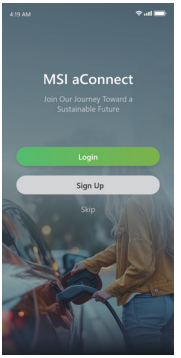
Scan QR Code to Get the APP

Step 1.

Getting Started

Open aConnect, accept the terms and tap **OK**, you can either log in, sign up, or simply tap **Skip** to continue and add your charger.



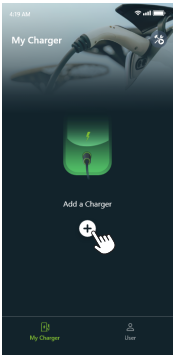


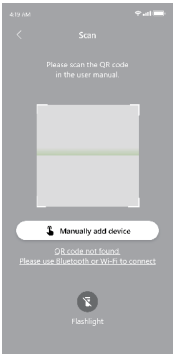
Step 2.

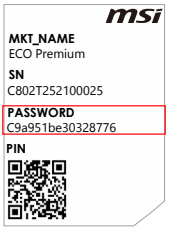
Add Charger

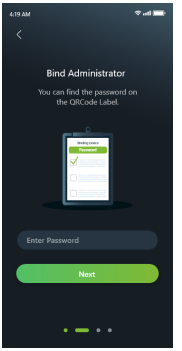
Tap **+** to add your charger.

Use your device's camera to scan the QR code on the label attached to the Warranty Card and enter the password.







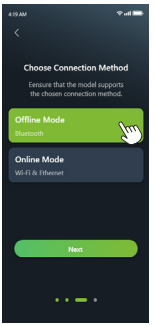


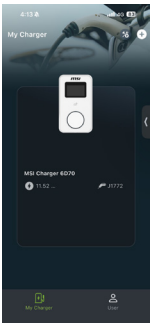
Step 3.

Connection and Binding Steps

Offline Mode

Select Offline Mode.
After the connection is complete.

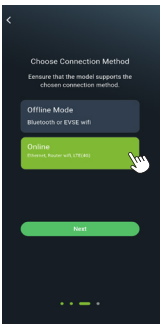


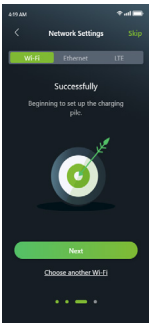


Online Mode – Wi-Fi

Before starting, connect your device to the Wi-Fi .

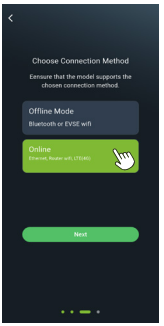
1. Select Online Mode.
2. Enter the password.
3. Setup is complete.

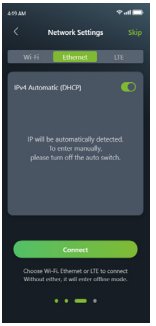


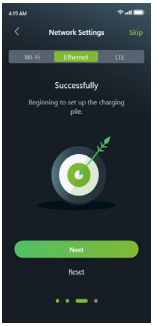


Online Mode – Ethernet

1. Select Online Mode.
2. Ethernet setup is supported.
3. Setup is complete.



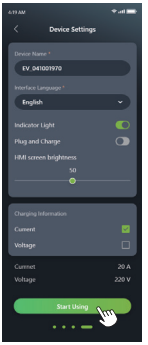


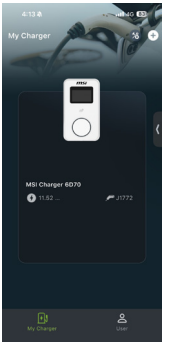


Step 4.

Connection Complete

Tap **Start to Use** to finish setup and start using the device.





7.3.2 oConnect (OCPP)

Tools required before setting

- Laptop/phone or other device (Wi-Fi must be available)

Step 1.

Connection Methods

The Eco series supports two connection methods:

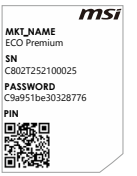
1. Scan the QR code.
2. Use your computer's Wi-Fi settings.

Once the connection is successful the LED indicator will be white.

Step 2.

Getting Started with oConnect

1. Use your device's camera to scan the QR code on the warranty card or on the screen (Premium model only). You will be auto-redirected to the oConnect web page.



2. Open the Wi-Fi settings on your computer and choosethe charger's SSID, which matches its SN.

- Password: Check the warranty card.

Step 3.

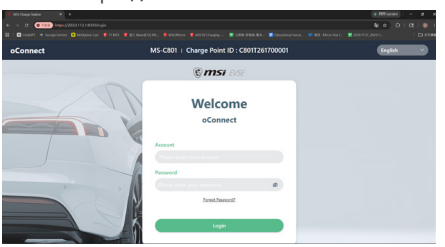
Login

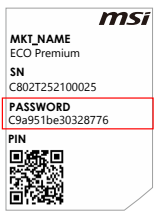
Use the login information below:

- Account : manager
- Password : Check the model label on the charger's Warranty Card.

Notice:

- If the page does not open auto, please open a web browser and enter: https://203.0.113.1:8000

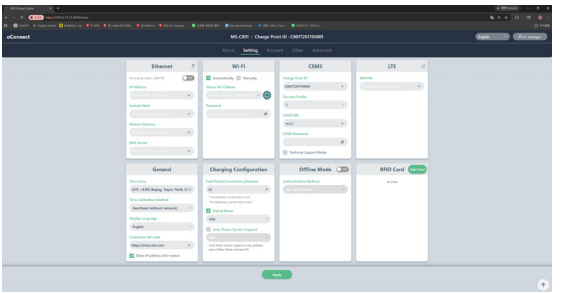




Step 4.

Initialize the Charger

Configure the charger on setting page, then click **Apply** to save the changes.



7.4 Getting Started

Before you start,

Follow the screen prompts to set up your account and payment method. Then, make sure the charger is powered on and online.

Eco has three methods to start charging,

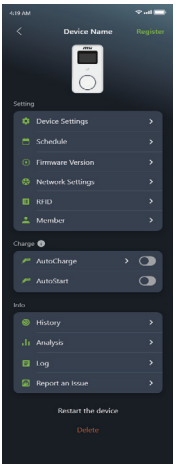
1. RFID Authorization
2. AutoStart
3. AutoCharger

RFID Authorization

Step 1.

Add New Card

Open aConnect, tap **Charger**.
Access to Device Setting and chose **RFID → Add** to initiate the RFID card registration process.



Step 2.

Scan the Card

Place your RFID card close to the **Reader area** to scan it.

Step 3

Registration Complete

Registration successful is shown on your app. Your card has been successfully paired and is ready to use.

How does Autostart vary from Autocharger ?

AutoStart

Charging starts without authorization. No authentication is required, simply plug in the cable to begin charging.

AutoCharge

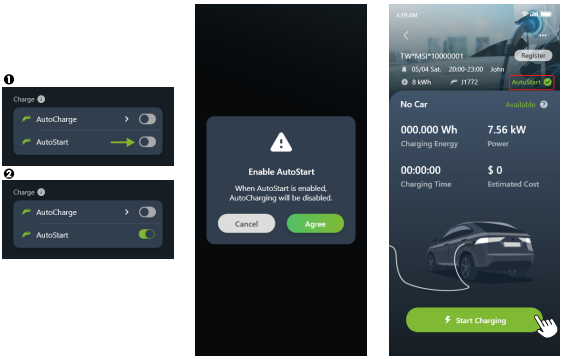
Once the vehicle is paired with the charging pile, charging will start automatically when plugged in.

Notice :

- Only one of these two functions may be enabled at a time.

AutoStart

Connect the connector to the vehicle and tap **Start charging** to begin using the device.

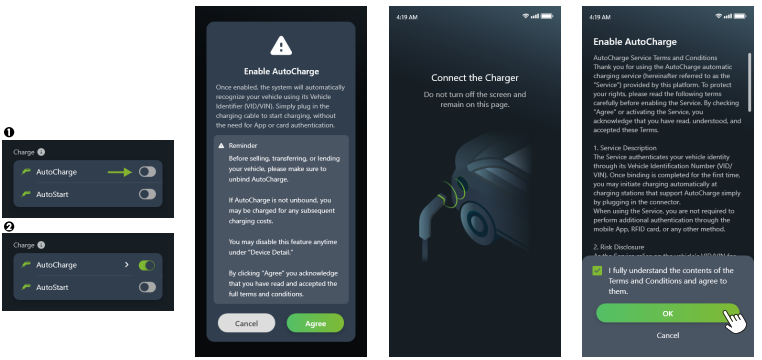


AutoCharge

Step 1.

Terms of Use

Read the terms, and tap **OK** to agree.

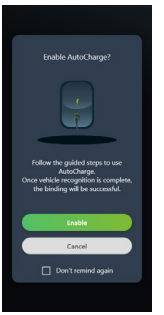


Step 2.

Vehicle Binding

Prompts auto for unbound AutoCharge vehicles.

- Enable : Proceed to vehicle binding.
- Cance l: Close the window without binding.
- Don't remind again : Disable future prompts. If you previously selected **Don't remind again** but want to configure your car later, go to: Charger → RFID → Car Add



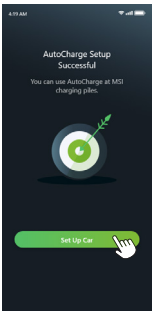
Step 3.

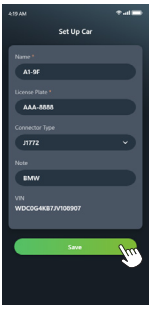
Binding Successful

AutoCharge setup successful. Tap **Set up car** to view and **Save** the vehicle information.

Notice :

- If VIN not detcted,plug in the charger again.





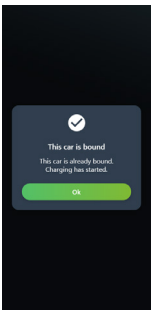
Step 4.

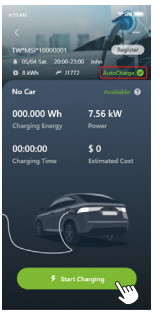
Completion

Tap **Start charging** to begin using the device.

Notice :

- If the vehicle is already bound, you are ready to start charging.





Starting Charging

Ensure the vehicle is fully parked and the connector is securely plugged into the charging port.

CAUTION :

- Wait 10 seconds before cycling the power cord to prevent damage.

Charging Finished

When charging is complete or stopped, return the connector to the holder.

8. Troubleshooting

In the event of a problem or issue with the EV charger, refer to the troubleshooting guide below:

1. **The EV charger does not start charging the Car.**
- Check the connection between Car and EV charger.
- Ensure that the EV charging connector is properly plugged into the charging port of the Car.

2. **The EV charger stops charging the Car before the battery is fully charged.**
- Check the power source and make sure it is providing adequate power to the EV charger.
- Check the EV and charging cable for damage or issues that may be causing the charging to stop prematurely.

3. **The EV charger is not providing any power.**
- Check the power source and make sure it is functioning properly.
- Check the EV charger for any damage or issues that may be preventing it from providing power.

Error Status

Error Code	User Info	Solution
	No communication between Charging board and HMI	Restart the EVSE. If the situation persists, contact customer service.
B1-01	InternalError	Contact customer service
B1-02	GCF IInitial Fault	(1) Restart the EVSE. (2) Check if the connector and cable are damaged.
B1-03	GFCI Fault1	(1) Restart the EVSE. (2) Check if the connector and cable are damaged.
B1-04	GFCI Fault2	(1) Restart the EVSE. (2) Check if the connector and cable are damaged.
B1-05	Ground Failure	Check if the grounding wire is loose. Please contact a qualified electrician to inspect the electrical system.
B1-06	Ground Failure	Check if the grounding wire is loose. Please contact a qualified electrician to inspect the electrical system.

Error Code	User Info	Solution
B1-08	L/N Reversed	Check if the L/N power connections of the EVSE are reversed.Please contact a qualified electrician to inspect the power phase.
B1-12	Power Switch Failure	(1) Restart the EVSE. (2) Check if the connector and cable are damaged.
B1-13	Power Switch Failure	(1) Restart the EVSE. (2) Check if the connector and cable are damaged.
B1-14	Power Switch Failure	(1) Restart the EVSE. (2) Check if the connector and cable are damaged.
B1-15	Power Switch Failure	(1) Restart the EVSE. (2) Check if the connector and cable are damaged.
B1-16	Over Current Failure	(1) Re-plug connector to EV. (2) Restart the EVSE. (3) If the situation persists, please contact customer service.
B1-18	Over Voltage	Check/measure input voltage is correct or not.
B1-19	Under Voltag	Check/measure input voltage is correct or not.
B1-1A	Abnormal Temperature	(1) Restart the EVSE. (2) Check if the connector and cable are damaged.
B1-1B	Abnormal Temperature	(1) Restart the EVSE. (2) Check if the connector and cable are damaged.
B1-1C	Abnormal Temperature	(1) Restart the EVSE. (2) Check if the connector and cable are damaged.
B1-1E	Illegal Charging	(1) Re-plug connector to EV. (2) Restart the EVSE. (3) If the situation persists, please contact customer service.
B1-40	Pile Fault	(1) Restart the EVSE. (2) Check if the connector and cable are damaged.

Error Code	User Info	Solution
InstallationFailed	update failed	Contact customer service.
UI_ERROR		EVSE will restart and recover auto.
DownloadFailed		Download file again.
X		Check network connection.

9. Warranty and Maintenance

9.1 Warranty

Read and obey the safety precautions at the beginning of this manual before installing, repairing, servicing, using, or removing this ESVE.

Warranty Coverage

- EVSE products bearing the original manufacturer's barcode are covered under the original hardware warranty.
- The hardware components covered under this warranty include the PCB, wireless network card, central processing unit (CPU), memory, display screen, 4G/LTE communication module, and Bluetooth module. Warranty coverage is determined by the original product serial number or barcode.
- The software modules of charging station products are also covered under the product serial number or barcode provided by the original manufacturer.
- Pre-installed software is covered in accordance with the terms of the applicable End User License Agreement (EULA) or any specific software licensing agreement.
- MSI assumes no responsibility for software-related issues. Customers should contact the respective software vendors directly for support or assistance.
- Warranty terms and conditions may vary by country or region, depending on where warranty service is provided and where the product was originally purchased.
- EVSE products are covered by a limited warranty in Taiwan. Warranty terms for other products are subject to the applicable regional limited warranty, based on the country or region of purchase.
- For warranty verification or service support, please contact the retailer or reseller from whom you purchased the MSI product.
- Cross-regional purchases made through online platforms (e.g., Amazon, Newegg, Lazada, Shopee) are subject to the limited warranty terms applicable in the country or region where the transaction is processed by the respective online retailer.

Customers are advised to consult the warranty terms provided by the respective online retailer prior to purchase.

Warranty Exclusions

- Damage caused by improper use, maintenance, and/or storage.
- Damage or malfunction caused by a foreign object entering the unit.
- Damage or rendered non functional because of power surges, lighting, earthquake, fire, flood, pest damage, abuse, accident, misuse, negligence, or failure to maintain the product or other event beyond Supplier's reasonable control or not arising from normal operating condition.
- Damage due to the failure to observe the applicable safety regulations governing the proper use of the product.
- Damage caused by not using the spare parts provided by the original supplier.
- Damage caused to the product during delivery.
- Products not sold by MSI or authorized dealers (e.g., display items, rental items, etc.).
- Consumable parts subject to natural wear and tear (e.g., batteries, screws, charging gun cables, housings, emergency buttons, wall mounts, columns, etc.).
- Problems caused by product incompatibility with other hardware or software.
- Labor and service costs incurred from installation, disassembly, configuration, or related activities.
- Inability to provide valid proof of purchase.
- The product is out of warranty.

9.2 After-Sales Services

This charger has spare parts available for both in-warranty and out-of-warranty repairs. All repair and warranty services must be performed by technicians certified by MSI or authorized by the distributor to prevent safety or performance issues.

9.3 Daily Maintenance

- Avoid allowing moisture or water to enter the charger. If it does, immediately power off the charger and contact qualified maintenance personnel.
- If you notice any damage or contamination on the vehicle connector, charging cable, or connector holder, contact maintenance personnel immediately.
- Do not place the charger near heat, high temperatures, or hazardous substances such as flammable gases and corrosive materials.
- Do not place external objects or heavy objects on the charger, in order to avoid danger.
- Do not use organic solvents to clean the surface of the charger.

Charger Maintenance

WARNING:

- Turn off the input power of the charger before performing any maintenance on the charger.

No	Item	per Use	Mth.	Ann.	Maintenance Method	Remarks
1	Connector Cable LED Indicator	V			Check that the EV connector is not broken, cracked, or damaged, and that the indicator light functions properly.	If the cable is worn or cracked, apply insulating tape and schedule repair or replacement.
2	Visual Inspection	V			Wipe with a clean dry cloth or anti-static cloth; if there is any snow on the charger or connector, remove it beforehand.	Do not use brushes, sponges, chemicals, or water for cleaning.
3	Inspection of Components		V		Check all power and communication cables and terminals for signs of oxidation, corrosion, looseness, or burn marks.	If components are loose or wiring is damaged, fix them before restarting and confirm operation.
4	Installation Stability		V		Check whether the charger is securely mounted to the wall and free from looseness, detachment, tilting, dents, deformation, or other damage.	Tighten any loose parts. If any screws are broken or cannot be secured, contact the MSI customer service team.

No	Item	per Use	Mth.	Ann.	Maintenance Method	Remarks
5	Environmental Inspection		V		Regularly check that the fire extinguisher is functioning properly, the pressure is within range, and the expiration date is still valid.	If there are any safety concerns related to the fire extinguisher or the environment, do not operate the charger and arrange for immediate inspection or replacement.
6	Cable and Terminal Check		V		Check that the cable and terminals are not broken, cracked, loose, or damaged.	Tighten any loose parts. If any tubes or terminals are broken or show signs of moisture, contact the MSI customer service team.
7	Power Supply Grounding System RCD			V	Check all power and communication cables and terminals for signs of oxidation, corrosion, looseness, or burn marks.	If components are loose or wiring is damaged, fix them before restarting and confirm operation.

9.4 Removal,Recycling and Disposal

- Dispose of the ESVE responsibly. Ask your city or local authorities for the address of your local recycling facility.
- Do not dispose of old electrical and electronic equipment with unsorted municipal waste. Please use designated collection or recycling facilities.
- Dispose of used rechargeable batteries at a designated local collection point.

Regulatory Information

Wireless Radio Use

This device is restricted to indoor use when operating in the 2.4GHz, 5GHz, 6GHz frequency band.

Cet appareil doit être utilisé à l'intérieur.

당해 무선설비는 운용중 전파혼신 가능성이 있음.

この製品は、周波数帯域 2.4GHz, 5GHz, 6GHz で動作しているときは、屋内においてのみ使用可能です。

NCC無線設備警告聲明

工作頻率2.4GHz, 5GHz, 6GHz該頻段限於室內使用。

經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

Battery Information

European Union:

Batteries, battery packs, and accumulators should not be disposed of as unsorted household waste. Please use the public collection system to return, recycle, or treat them in compliance with the local regulations.

BSMI:

廢電池請回收

For better environmental protection, waste batteries should be collected separately for recycling or special disposal.

California, USA:

The button cell battery may contain perchlorate material and requires special handling when recycled or disposed of in California.

For further information please visit:

http://www.dtsc.ca.gov/hazardouswaste/perchlorate/

CAUTION: There is a risk of explosion, if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer.

Model : MS-C801 48A,MS-C801 32A