

EVIQO

— ELECTRIC VEHICLE IQ ORGANIZATION —



Installation Guide

EVIQO GEN3
Smart EV Charger

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As a user-centric brand, we're dedicated to crafting the ideal charging lifestyle for EV enthusiasts!



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Get your EV charger professionally installed by Treehouse — safely, smoothly, and with confidence that lasts.

Treehouse is a separate independent company specializing in professional installations. To provide an installation estimate, Treehouse will require you to provide certain information (such as the contact details the licensed installer will use to schedule on site installation, building type, garage type, other appliances installed in your home, details of the main panel as well as preferred charger location from your electrical panel, etc) that you will share directly with Treehouse. EVIQUO Technologies does not request this data from you. Please note that Treehouse operates under its own Terms and Privacy Policy, separate from those of EVIQUO Technologies.



After installation, return here to browse through the Frequently Asked Questions, conveniently located at the beginning for your easy access:

1. How to pair my EVIQO with the EVIQO MAX app?

Once you power up the EV charger, configuration starts and a small vertical line indicator must be flashing blue. There is no time limit for the configuration window. The device will remain in configuration mode until setup is completed. After successful configuration, the vertical line indicator will become solid blue. When pairing your smartphone with the EV charger, please note the following:

1. Ensure the signal indicator (small vertical line) is flashing blue, indicating the configuration mode.
2. Keep your phone close to the EV charger; it might take a minute to detect.
3. Don't forget to grant the EVIQO MAX app Bluetooth permissions.

2. My EVIQO cannot connect to the Internet. What shall I do?

Please restart your wifi router. It's also recommended to restart EVIQO using the reset button on the right side of the unit (power cycle, turn off and back on).

3. My car's app already has smart features. Is it necessary to also use the EVIQO MAX smart app?

EVIQO encourages utilizing the charger's smart features. For optimal performance, ensure harmony between the smart functions: if you intend to utilize your car's smart features, refrain from duplicating settings in your car app to maintain seamless communication with EVIQO EV Charger.

4. EVIQO EV Charger isn't responding. Seems like the app is frozen.

Performing a hard reboot (reset to factory settings) is necessary. Locate the reset button on the right side of the charger's enclosure by following these steps:

1. Press and hold the button for 15 seconds. The light indicators will turn solid red for 3 seconds before the device shuts down, restarts, and restores to factory settings. You will hear a beep sound. Please wait 1 min for the unit to reset.
2. After the reboot, the signal indicator (small vertical line) must go flashing blue - configuration mode. You will need to reconfigure the device and pair it again with the EVIQO MAX app.
3. Your phone must be very close to the EV charger, please allow the EVIQO MAX app 10-60 seconds to find a new device. Once done, follow the next steps.

5. How to set the Schedules properly? I've got the "Conflict of Schedules" notification.

Choose the correct day, start and stop: The chosen day and start time mark when the schedule begins. Don't forget to press "Confirm Time" and then "Save" to save the changes. The stop time is the closest selected time value that follows the start time. For example, if you set Monday as the day, with a start time of 9:00 PM and a stop time of 6:00 AM, the schedule will begin at 9:00 PM on Monday and end at 6:00 AM on Tuesday.

Avoid Overlaps: Ensure there are no time overlaps with other schedules (including those set up on the car's side) or Delayed Start.

Avoid Missing the Mandatory Fields: If you missed to set any of the required values such as day, start or stop - the schedule will be cleared and you will get a notification asking to fill all the mandatory fields.

Delayed Start: Make sure schedules don't overlap with the Delayed Start feature.

Conflicting values will not be saved: If you attempt to set a schedule that overlaps with an existing one, your changes will not be saved.

6. I set the Schedule but it didn't start when it was supposed to. Why?

Check Wifi connection. Please also check the time zone in the EVIQO MAX app. The charger picks the time zone based on the IP address of the wifi router it's connected to. Press the ⓘ in the top right corner of the main page. Then scroll down and choose the correct time zone.

7. What is the Delayed Start function, and how does it differ from the Schedule?

Delayed Start is a **one-time** start time reservation. Once the start time is reached, the Delayed Start feature automatically turns off. If you prefer a standardized charging routine to benefit from regular off-peak rates, use the Schedules feature. Please avoid setting a Delayed Start that conflicts with the existing Schedules.

8. How do I track my estimated costs?

To monitor your estimated costs effectively, set your electricity rates:

1. Tap the Electricity Plans icon located in the footer of the main page.
2. Establish your basic plan and any additional Plans (you can rename them). Use +/- buttons, or type in the price manually.

9. What is a dip switch and where is it located?

Dip switch is a hardware maximum current output limiter. By default the unit is set for 40A (number "2" on the dip switch) in the plug-in version (both 40A and 48A

plug-in models) and 48A (number “3”) for the hardwire version. You can adjust the default amperage to 16A, 32A or 50A (number “0”, “1” or “4” on the dip switch, respectively), subject to the circuit capacity and/or personal preferences. Follow these steps to access the dip switch:

1. Remove EVIQO from the wall bracket, by unscrewing the anti-theft screws on both sides of the device with the allen wrench provided in the box.
2. Remove the face part by unscrewing the 7 screws on the back side.
3. Locate the amperage dip switch on the motherboard located on the internal side of the face part of EVIQO, positioned to the left and up diagonally from the center of the motherboard. It's light gray, small, and with a round shape.

10. I want to use my car's preconditioning function. How can I ensure EVIQO is compatible so that the EVSE compensates for the energy used during preconditioning?

Precondition compatibility is enabled by default. Follow these rules:

Set schedules, charge limit and precondition on the car. Use EVIQO MAX in Plug & Charge mode.

If you're using Schedules in the EVIQO MAX app (instead of the car), the preconditioning period you set on your car must be within the scheduled charging window set by the EVIQO MAX app.

To deactivate the precondition, press the reset button located on the right side of the charger three times. The unit will beep three times, followed by one long beep, and the indicator will flash red, green, and blue.

11. My family members also use my EV. How to add a second user to the EVIQO MAX app?

To add a new user, simply follow these steps:

1. Tap on the ⓘ icon in the top right corner of the main page.
2. Press In Household (you can rename it) -> Add New Member
3. Choose the role for the new member, and tap “Invite” button. The invited user will get an invitation email with instructions.

12. How to reset the unit?

See Section 11. Locate the button on the right side of the charger's enclosure:

1. For hard reboot to the factory settings: Press and hold the button for 15 seconds until you hear a beep sound.
2. For quick restart: Press the button for 5 seconds.

Disclaimer of Warranties and Limitation of Liabilities

All information, specifications and illustrations in this manual are based on the latest information available at the time of printing. EVIQUO TECHNOLOGIES LIMITED reserves the right to make changes at any time without prior notice. While information of this manual has been carefully checked for accuracy, it does not represent any obligation on the part of the manufacturer. No guarantee is given for the completeness and correctness of the contents, including but not limited to the product specifications, functions, and illustrations. EVIQUO TECHNOLOGIES LIMITED will not be liable for any direct, special, incidental, indirect damages or any economic consequential damages (including the loss of profits). It is the user's responsibility to comply with all relevant codes and safety standards. Any resulting damage due to disregard or actions contrary to the instructions in this Installation Guide is excluded from the product warranty.



The EVIQUO Smart EV Charger is an electronic device and should not be disposed of as unsorted domestic waste. It is important to contact local authorities to inquire about the appropriate disposal methods for this product. Help contribute to environmental sustainability by ensuring the proper disposal or recycling of the EVIQUO Smart EV Charger.



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1. Important Safety Instructions

PLEASE KEEP THESE INSTRUCTIONS SAFE



WARNING: This Installation Guide contains important instructions for your EVIQO Smart EV Charger. Remember to always follow simple precautions when using electronic products, including the following guidelines.



CAUTION: Strict compliance with the information provided in this manual does not exempt the user from their responsibility to comply with all relevant codes and safety standards. This Installation Guide outlines the typical installation and mounting scenarios. If any situation arises where it is not feasible to carry out an installation according to the procedures specified in this document, please consult with a licensed installer. Please note that EVIQO TECHNOLOGIES LIMITED cannot be held liable for any damages that may arise from custom installations not specified in this document or failure to comply with the recommendations provided.

1.1 General Warnings & Cautions

- **WARNING:** To avoid fire, property damage, injury or death, carefully read and follow the instructions during installation, operation and maintenance. Install and operate only as instructed in this Installation Guide.
- **DO NOT** put fingers into the electric vehicle connector.
- **DO NOT** use this product if the input power cord or EV cable is frayed, has broken insulation, or any other signs of damage.
- **DO NOT** use this product if the enclosure or the EV connector is broken, cracked, open, or shows any other indication of defect or damage.
- **DO NOT** operate EVIQO Smart EV Charger in temperatures outside its operating range of -22°F to 131°F (-30°C to 55°C).
- **DO NOT** remove cover or attempt to open the enclosure in rain or other inclement weather - risk of electric shock.
- **DO NOT** open the front cover of your charger while it is connected to the power supply.
- **DO NOT** put heavy objects on the charger to avoid danger.
- **WARNING:** If removing the face cover of the device is required, avoid touching the L1 IN, L2 IN, PE IN, L1 OUT, L2 OUT, PE OUT connectors, connection terminals, ribbon cable terminals linking the front cover to the main motherboard, or any other internal components if the device is still turned on - risk of electric shock.
- **WARNING:** This device should be supervised when used around children.
- **WARNING:** This device must be grounded. Failure to ground the charging station can lead to risk of electrocution or fire.
- **WARNING:** To avoid a risk of fire or electric shock, do not use this device with an extension cord.
- **WARNING:** It's recommended to install this device in a sufficiently ventilated area and preferably avoid installing it in areas with super extreme direct sunlight.
- **WARNING:** In case of flooding, do not operate EVIQO charger while it or your EV is submerged in water.
- **WARNING:** If EVIQO charger was submerged in water due to flooding, make sure a

qualified electrician inspect it before energizing or using it again.

- **WARNING:** The suitability of the use of flexible cord in accordance with CE code, part I, rule 4-012, is to be determined by the local inspection authority.
- **WARNING:** To reduce the risk of fire, connect only to a dedicated circuit provided with branch circuit overcurrent protection in accordance with the CSA C22.1–15 Canadian Electrical Code, Part 1 (Canada) or NOM-001-SEDE Electrical installations (utility) (Mexico) or ANSI / NFPA 70 National Electrical Code (USA).



CAUTION: Please use the charger properly. Do not hit or press hard on the enclosure. If the case is damaged, please contact a professional technician.

1.2 Installation Requirements

- **WARNING:** For the installation of your EVIQO Smart EV Charger (hardwired installation and/or EV-graded NEMA 14-50 outlet installation), it is recommended to only engage licensed electrician with proper qualification and sufficient installation experience to ensure compliance with both national and local building and electrical codes and standards as well as all applicable safety standards, codes, ordinances and any local safety regulations. It's recommended to use a high quality circuit breaker and wiring (for hardwire installation) and/or EV-graded NEMA 14-50 receptacle and wiring (plug-in installation).
- **WARNING:** Disconnect electrical power to install the charging station.
- **WARNING:** Be sure to preview this Installation Guide before installing the EVIQO Smart EV Charger.



WARNING: Your EVIQO charger must be grounded to ensure safety.

Grounding provides a path of least resistance, reducing the risk of electric shock if the charger malfunctions. The plug-in version of the charger comes with a grounding conductor and plug, which must be connected to a properly installed and grounded EV-graded NEMA 14-50 receptacle according to local codes. If you hardwire your EVIQO, please consult a licensed electrician to ensure proper grounding. If your device signals a Ground Fault, consult a licensed electrician to ensure proper grounding. Improperly connecting the equipment-grounding conductor can cause the risk of electric shock. If you're unsure if the product is properly grounded, consult a qualified electrician or service technician. Do not modify the provided plug. If it doesn't fit the receptacle, have a qualified electrician install the appropriate EV-graded NEMA 14-50.

- **CAUTION:** Ensure proper safety measures by using appropriate protection when connecting to the main power distribution cable.
- **CAUTION:** Install type B, C, or D circuit breakers that meet the rated current requirements at the input terminal for effective protection.
- **CAUTION:** The device shall be mounted at height between 3ft and 5ft from ground.

1.3 Daily Maintenance

- **CAUTION:** Avoid moisture or water in the charger. If there is water or moisture ingress

in the charger, it is necessary to immediately power off to avoid immediate danger, and notify the professional technician to carry out maintenance before next use.

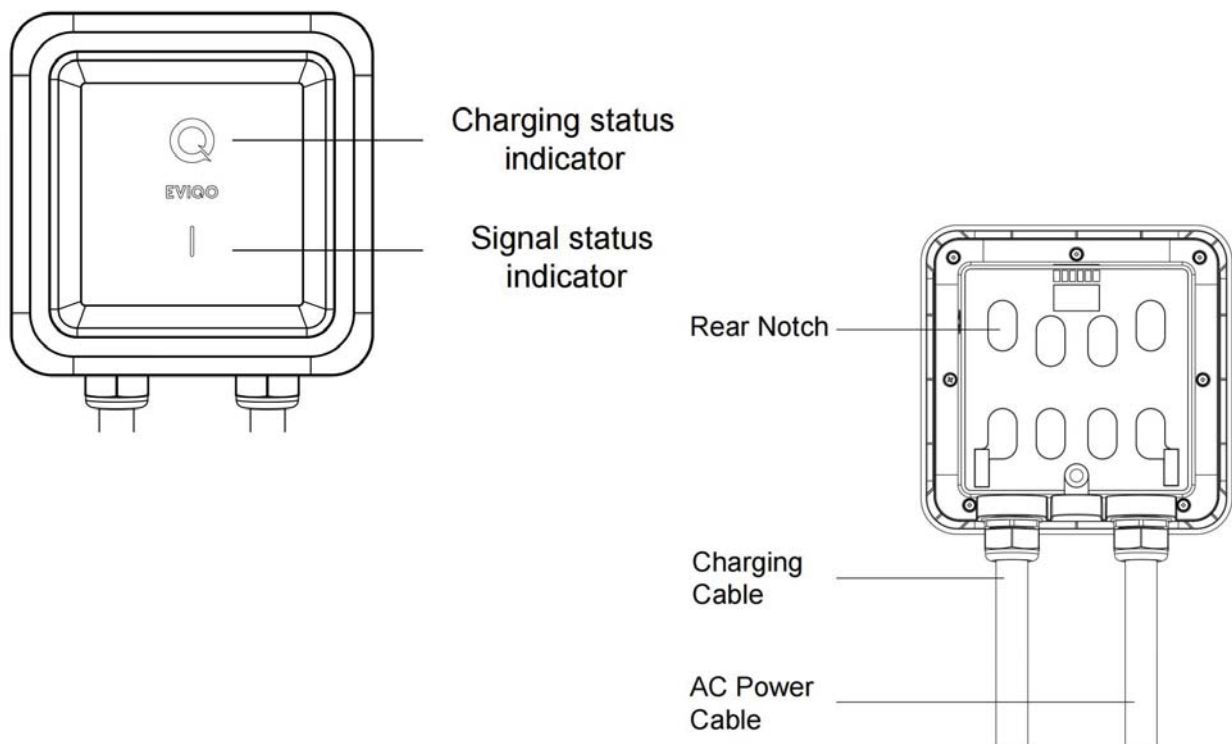
- **CAUTION:** Your EVIQO charger contains no user-serviceable parts. Please do not attempt to service or repair any part of the device yourself. For any servicing needs, please contact EVIQO customer service.
- **CAUTION:** Please use the charger properly. Do not hit or press hard on the enclosure. If it is damaged, please contact a professional technician or EVIQO TECHNOLOGIES.
- **CAUTION:** Take necessary precautions with electronic medical implants.
- **CAUTION:** Ensure that the charging cable is positioned in the way where possibility of stepping on or tripping over it are excluded and a chance to cause damage is minimized. Please do not close a garage door on the charging cable or the connector.
- **CAUTION:** Avoid placing the charger near hot objects and at high temperature locations and away from dangerous substances such as flammable gases and corrosive materials. Do not install EVIQO Smart EV Charger near flammable, combustible or explosive materials.
- **CAUTION:** Do not put heavy objects on the charger to avoid danger.
- **CAUTION:** Before cleaning your EVIQO charger, disconnect it from the power. Avoid using cleaning solvents; wipe it down with a clean, dry cloth to remove dust and dirt.

2. Product Introduction and Data Sheet

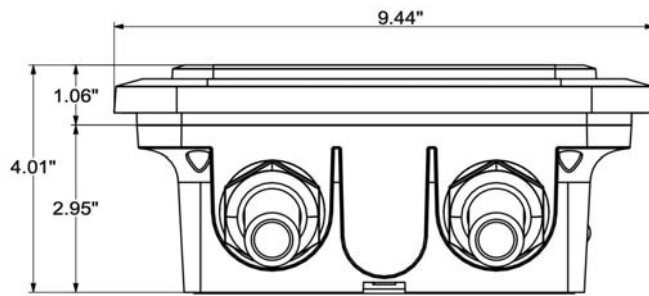
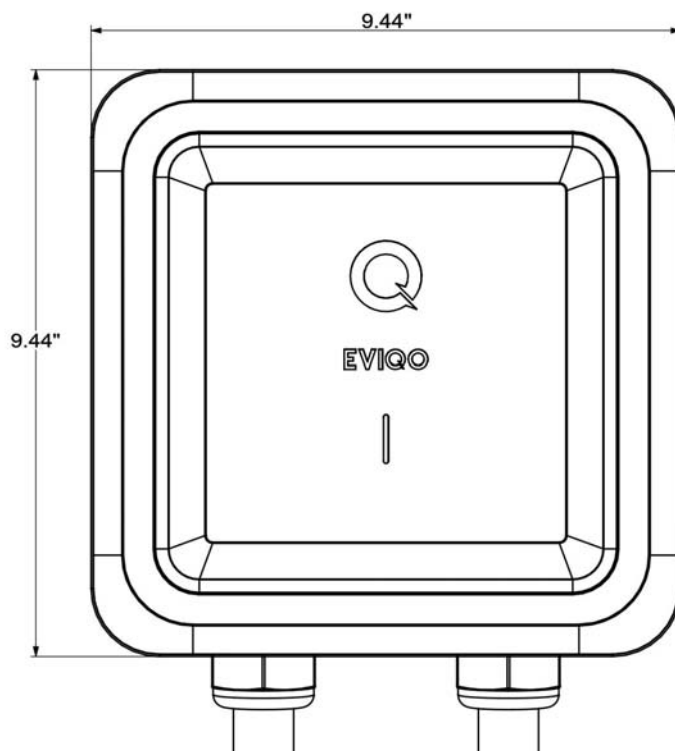
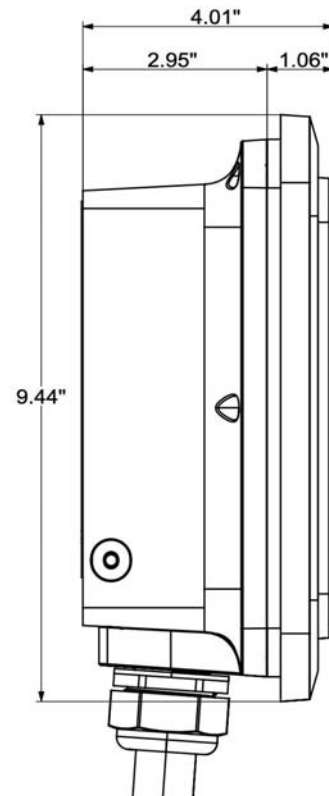
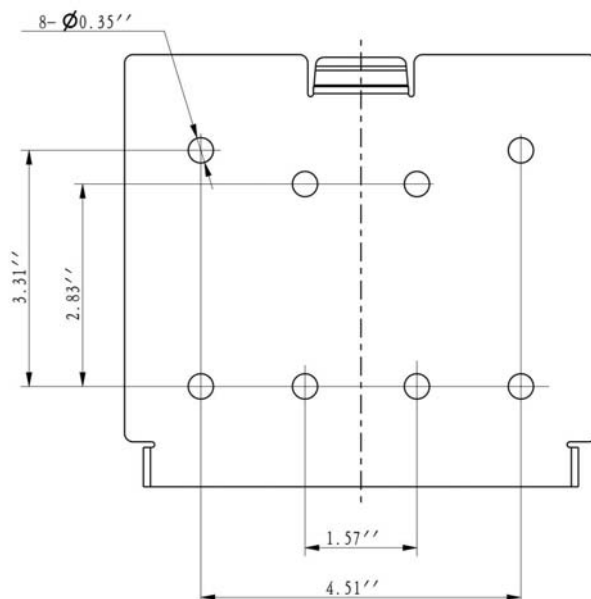


IMPORTANT: Make sure you understand how the device works and its basic interface. EVIQO Smart EV Charger must be installed by a licensed electrician.

2.1 Basic Interface



2.2 Basic Dimensions



2.3 Specifications of EVIQO Smart EV Charger

Model Number	<ul style="list-style-type: none"> • EVIPOWER240J - J1772, plug-in (max 40A by default) • EVIPOWER248J - J1772, plug-in (set to 40A by default, can be 48A/50A if hardwired) OR J1772, hardwire (set to 48A by default, can be 50A if set on dip switch) • EVIPOWER240N - NACS, plug-in (max 40A by default) • EVIPOWER248N - NACS, hardwire (set to 48A by default, can be 50A if set on dip switch) • EVIPOWER250N - NACS, hardwire (max 50A)
Rated Input Voltage	208-240 V AC
Rated Output Current	16A / 32A / 40A (plug-in max) / 48A (hardwire max)
Power Cable	<ul style="list-style-type: none"> • 37" input cable with NEMA 14-50 plug (with built-in NTC temp sensor) or • 39" THWN-2 6 AWG (for L1 and L2) and 8 AWG (for GND) for hardwire models
AC Power Frequency	60 Hz
Input Protection	UVP, OVP, RCD (CCID20), SPD, Ground Fault Protection, NEMA 14-50 Plug – Critical Overheating, NEMA 14-50 Plug Overheated (Section 10.3)
Output Protection	OCP, OTP, Control Pilot Fault Protection, NACS Cable Overheating (Section 10.3)
Output Interface	SAE J1772 AC Charging Connector or SAE J3400 AC Charging Connector (NACS)
Storage Temperature	-40°F to 167°F (-40°C to 75°C)
Operation Temperature	-22°F to 131°F (-30°C to 55°C)
Relative Operation Humidity	Up to 95% non-condensing
Relative Storage Humidity	Up to 95% non-condensing
Network Connection	Wi-Fi
Internet Function	10M / 100M Base-T
Wi-Fi Function	802.11 b/g/n
Cable Length	25ft Extra Long (+/- 3%)
Protection Level	NEMA 4, IP 66
Installation Type	Wall-Mounted

3. Verify Contents

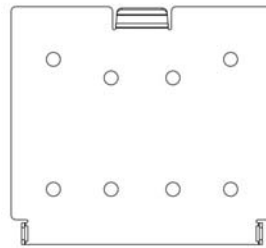
Check the list to ensure you have this Installation Guide and all the parts listed below:



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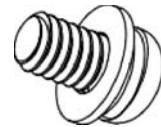
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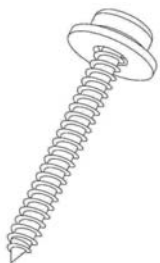
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Note: If you are missing any of these parts, please contact support@eviqa.io

No.	Product Name	Quantity	Description
1	Smart EV Charger by EVIQA	1	With attached input power cable (with NEMA 14-50 plug or 3-wire whip with a 3.2 ft conduit for hardwiring) and 25 ft output charging cable with J1772 or J3400 (NACS) connector.
2	Installation Guide	1	Please read carefully before use.
3	Wall-Mounted Bracket for EVIQA Smart EV Charger	1	For mounting the EVIQA Smart EV Charger to the wall. Comes already fixed to the charging unit out of the box.
4	Wall-Mounted Bracket for the Holster	1	For mounting the Holster to the wall. Comes already fixed to the Holster out of the box.
5	Mounting Template for the EV Charger	1	For easy drilling of 4 screw holes in masonry, brick or concrete walls for the EVIQA Smart EV Charger wall-mounted bracket installation.
6	Mounting Template for the Holster	1	For easy drilling of 3 screw holes in masonry, brick or concrete walls for the Holster wall-mounted bracket installation.
7	Allen Wrench	1	For tightening Anti-Theft Button Head Screws on both sides of EVIQA Smart EV Charger.
8	Anti-Theft Button Head Screws	4	For securing the EVIQA EV Charger and the Holster to their Mounting Brackets. 2 screws already screwed to the Charger's Bracket by default and 1 to the Holster. 1 piece provided as a spare part for your convenience.
9	Phillips Pan Head Lag Screws with gaskets	8	Used to install the EV Charger Mounting Bracket and Holster Mounting Bracket onto the wall. One spare piece of each hardware is included for your convenience.
10	Universal Wall Anchors	8	Used together with the Phillips Pan Head Lag Screws to securely mount the EV Charger Mounting Bracket and Holster Mounting Bracket onto walls where drilling is required for installation.
11	Holster	1	Safely store the J1772/J3400 (NACS) connector and output cable when they are not in use using the provided Holster.

4. Gather Tools

For comfortable installation of the EVIQO Smart EV Charger and **depending on the type of installation (plug-in or hardwire)**, you might need:

- 1) EV-graded NEMA 14-50P 240V outlet or electrical materials for hardwire installation, depending on your specific case (consult with the licensed installer).
- 2) Tape (optional, will help to attach the Mounting Templates to the wall, if needed).
- 3) Pencil (optional, will help to mark the holes to drill, if needed).
- 4) Stud finder (optional, to properly locate the studs, if needed).
- 5) Level (optional, to properly install the brackets).
- 6) Drill (optional).
- 7) Wire stripper (optional, for hardwired installation, if needed).
- 8) Voltmeter or digital multimeter (for measuring AC voltage at the installation site).
- 9) Screwdriver and/or torque screwdriver (optional, if you need to open the faceplate of the plug-in version for hardwire installation).

Note: The above tools are important, ensure to have them all for proper installation.



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5. Plan the Installation Type Based on Your Version

If you're unsure how to install your EV Charger, lack an EV-graded NEMA 14-50 outlet, plan to hardwire the device, or need any electrical work, **scan the QR code to get started and receive an instant, personalized installation estimate by Treehouse, EVIQUO's trusted, licensed installation partner.**



Before installing your EVIQUO charger, make sure to secure all required permits and approvals in compliance with local electrical codes, regulations, and ordinances. These may also be necessary to maintain your insurance eligibility.

There are 3 versions of EVIQUO Smart EV Chargers:

- 1) 40A plug-in version (40A max by default, EV-graded NEMA 14-50 outlet and 50A circuit required);
- 2) 48A plug-in version (40A max if used as a plug-in version, for 48/50A hardwiring installation and 60A circuit is required);
- 3) 48A hardwire version (can provide 50A if the dip switch

changed to position “4” and connected to 70A circuit).

NOTE: 40A and 48A plug-in versions are capable of hardwiring, custom whip is required.

The amperage can be adjusted up or down (see page 18 for Dip Switch settings, its location and operation) depending on your model, connection type, breaker size, electrical panel and circuit capacity. The EVIQUO MAX app offers an amperage adjuster with 1A step, allowing you to precisely set any amperage value within the range set by the Dip Switch.



ATTENTION: EVIQUO plug-in version (both 40A and 48A models) is pre-set for the default 40A max output which is the maximum amperage allowed by the regulations for NEMA 14-50 plug-in EV chargers. To get 40A out of an EV-graded NEMA 14-50 outlet, a 50A* dedicated circuit is required.

EVIQUO hardwire version is pre-set for default 48A output and requires a 60A* dedicated circuit. For 50A output, 70A* circuit is required.

***CAUTION:** The National Electrical Code “80% rule” stipulates that electrical circuits should not be continuously loaded (three hours or more) to more than 80% of their maximum rated capacity. Don't try to get 48A plug-in EV charging out of NEMA 14-50 receptacle, risk of fire.

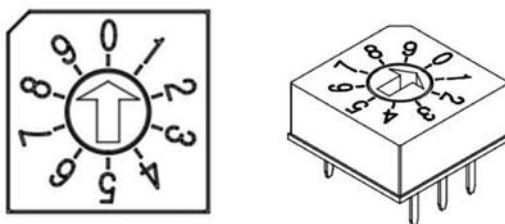
EVIQUO 40A and 48A plug-in versions are equipped with NEMA 14-50 input power plug and are set for 40 Amps of max output load (Number “2” on the Amperage Dip Switch) by default. If needed, the device can be hardwired too (hardwire custom whip is required - please consult the licensed electrician in case you have any questions). **For the avoidance of doubt, even if the hardwired installation is chosen, 40A is the max output of the EVIQUO 40A plug-in version. If the user switches the Amperage Dip Switch to any other value greater than “2” - the max output will still be 40A.**

NOTE: If you choose to hardwire the 48A Plug-In version (set for 40A by default), you can switch to 48A by choosing “3” on the Dip Switch once it's connected to the 60A circuit. For 50A output, it must be hardwired and connected to a 70A circuit.

EVIQO 48A hardwire version is equipped with 3.2ft 3-wire whip, liquid tight connector and a nonmetallic liquid tight flexible electrical conduit of 3.1 ft for hardwiring. The Amperage Dip Switch is set for 48 Amps of output load (Number “3” on the Amperage Dip Switch located inside the device) by default. If the Amperage Dip Switch is set to “4”, the maximum output will be 50A, but this set up requires a dedicated 70A circuit.

The Amperage Dip Switch is a hardware amperage output limiter. It’s located inside the device. To access it:

- 1) **Power off the device / turn off the power supply.** Do not open the front cover of your charger while it is connected to the power supply.
- 2) **Remove EVIQO EV Charger from the Wall Bracket:** Utilize the included allen wrench to unscrew the anti-theft screws positioned on both sides of the device.
- 3) **Unscrew the face part:** Once the anti-theft screws are loosened, proceed to unscrew the seven screws located on the back of the device.
- 4) **Detach the faceplate of the EVIQO EV Charger.** If you need to disconnect the ribbon cable connecting both parts of the device, do so carefully to avoid damage.
- 5) **The Amperage Dip Switch is located on the internal side of the faceplate, positioned on the motherboard in the top left. It is small and gray in color.**



Amperage Dip Switch

Dedicated Circuit Rating	Max Output Load for EVIQO	Corresponding Value of the Amperage Dip Switch	Plug-In	Hardwire
70 A	50 A	4	No	Yes
60 A	48 A	3	No	Yes
50 A	40 A	2	Yes	Yes
40 A	32 A	1	Yes	Yes
30 A	24 A	set for “1” (32A) and decrease to 24A in app	No	Yes
20 A	16 A	0	No	Yes



CAUTION: In Canada, a plug-in installation is permitted exclusively with a 50 Amps dedicated circuit, according to the regulatory requirements.

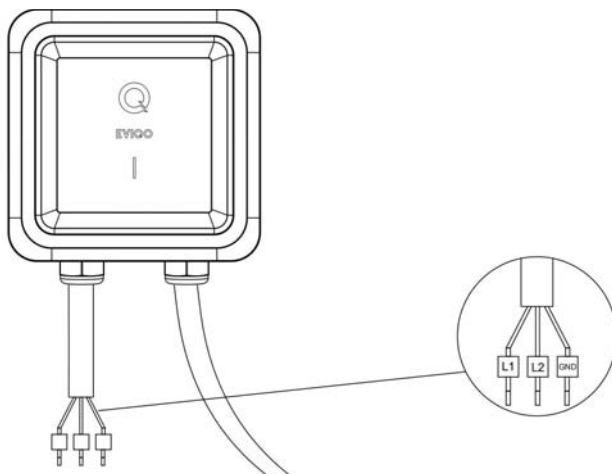
6. Wire the Circuit



ELECTRIC SHOCK HAZARD: Prior to installation, turn off the circuit breaker at the panel supplying power to the circuit. Do not restore power until the installation is fully completed. Failure to adhere to this critical warning may result in the risk of electric shock or electrocution.

Once a plug-in or hardwired installation has been chosen:

- 1) For EV-graded NEMA 14-50 plug-in installation, use a dedicated 50A circuit wired with a **high-quality, EV-grade NEMA 14-50 outlet** (40A circuit would limit the EV charger's output to 32A). Install the outlet with the ground prong facing up. Plug in the Charger.
- 2) For hardwired installation of the 40A or 48A plug-in version of EVIQUO Smart EV Charger, remove the original input power cable with NEMA 14-50 plug first. To remove the faceplate, unscrew the 7 screws on the back side. Then, you will need THWN-2 copper wires with the following specs. If you hardwire a 40A plug-in model: gauge size L1/L2 8AWG, GND 10AWG. If you hardwire a 48A plug-in model: gauge size L1/L2 6AWG, GND 8AWG. Please use UL certified components only. Connect the L1 conductor to the grid L1 terminal, the L2 conductor to the grid L2 terminal, and the GND conductor to the electrical panel's ground bar. **Torque for L1/L2 IN: 1.8N.m - 2.0N.m.** Conduit of 1" and liquid tight connector will be required. Return the original input power cable to the box. Attach the label with the rating to the circuit panel.
- 3) For hardwired installation of the hardwire version of EVIQUO EV Charger, use the original 3-wire whip of 3.2ft with nonmetallic liquid tight flexible electrical conduit provided to hardwire the device following the connection instructions in point 2 above.



The EVIQUO Smart EV Charger has the GFCI protection included.

If you need access to the Amperage Dip Switch and have to detach the faceplate.

Note: Screws are on the back. Close the device and tighten all 7 rear screws before wall-mounting or fixing the conduit. Rear cable entry is not supported.



WARNING: This device must be grounded. Disconnect electrical power prior to installing the charging station.



WARNING: Improper connection of the equipment-grounding conductor would result in a risk of electric shock. Check with a qualified electrician if you're unsure if the product is properly grounded. Don't modify the plug provided with the product. If it doesn't fit the outlet, have a proper outlet installed.

7. Plan The Mounting Location



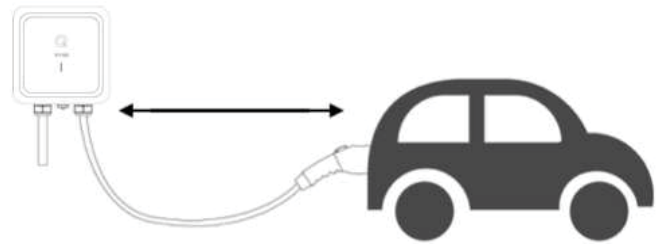
WARNING: In regions prone to frequent thunderstorms, it is recommended to install surge protection at the service panel for all circuits. Additionally, ensure that all power and ground connections, especially those at the breaker and busbar, are clean and securely tightened.



CAUTION: For reliable performance, ensure the device is installed near the WiFi router to guarantee a strong signal and stable Internet access. Please plan the device's location accordingly, avoiding surfaces that may obstruct the WiFi signal.

Select the appropriate mounting location with electrical capacity sufficient for the EVIQUO Smart EV Charger operation:

- A. Please ensure you choose a mounting location which allows the charging cable to reach the car's charging port while still providing reasonable slack. The cable length is 25 ft (7.62 m).
- B. For plug-in installation: please check the position of your EV-graded NEMA 14-50 outlet and preferable place for mounting the EVIQUO Smart EV Charger before mounting the device bracket or the holster bracket. Please ensure you have chosen a mounting location which allows the input power cable with NEMA 14-50 plug to effectively reach the EV-grade NEMA 14-50 outlet. Ensure the input power cable has a slight curve and is not stretched. With NEMA cable installation, be sure to take into account the 37" (95 cm) length of NEMA cable when positioning your charger in relation to the EV-graded NEMA 14-50 outlet. This length provides sufficient flexibility in choosing the mounting location for the EV Charger.
- C. For hardwired installation: please check a mounting location which allows to effectively hardwire the EV Charger. Note the distance to the breaker panel and/or the junction box. The hardwire version of EVIQUO Smart EV Charger comes with a 39" (around 1m) 3-wire whip with liquid tight connector and conduit. If you hardwire a 40A or 48A plug-in version of EVIQUO Charger - plan your mounting location based on your custom wiring. The unit doesn't have a rear access cable port, the bottom access port shall be used.



ELECTRIC SHOCK HAZARD: If the status light indicators turn on when the EV charger is plugged in during the installation, the circuit is not off. **STOP IMMEDIATELY.** Unplug EVIQUO EV charger and switch off the power to the outlet at the circuit breaker until the installation is complete.

- D. Ground connection for plug-in installation: make sure the ground in your EV-graded NEMA 14-50 outlet is placed on the top to match with the plug of the input power cable

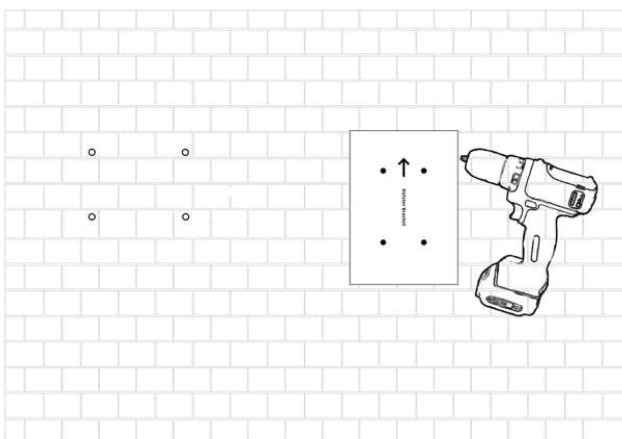
which has the ground prong facing up.

- E. Ground connection for hardwire installation: follow the National Electrical Code and all local applicable codes. In case of Ground Fault - please consult a licensed electrician.
- F. If you decide to install the EVIQO Smart EV Charger outdoors, this requires using an outdoor-rated, weather-resistant EV-graded NEMA 14-50 outlet / hardwired installation.
- G. Please ensure the holster bracket is mounted at approximately the same level as the EV Charger bracket. It is recommended to keep a comfortable distance between the EVIQO Smart EV Charger and the holster which would allow to properly store the loops of the 25ft charging cable.
- H. Both the device and holster must be securely anchored to a mounting surface, such as a stud of sufficient size or a solid wall, to ensure proper installation of the EV charger.
- I. It is recommended to mount the device at a height between 3 feet (91.5 cm) and 5.5 feet (167 cm) from the ground. The minimum installation height must be at least 18 inches (46 cm).

8. Mounting

For hardwired installation (if you had to detach the faceplate to get access to the internal components): Please note that the screws are located on the back side so you have to attach the faceplate of the EVIQO Smart EV Charger first, close the device and tighten the 7 screws on the back side before mounting the device onto the wall and fixing the conduit. **There's no rear cable entry.**

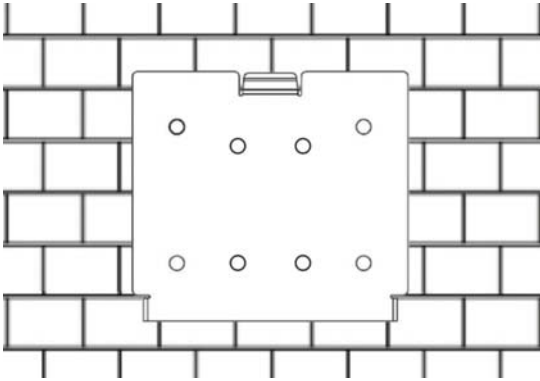
STEP 1



For concrete and brick walls: select the desired mounting location for the EV Charger and the Holster. Use the provided Wall Mount Templates (one for the EV Charger and one for the Holster) to mark the holes for drilling. Use the $\varnothing 8$ (8mm / 5/16" diameter) drill. Drill 4 screw holes for the EVIQO Smart EV Charger and 3 for the Holster. The diameter of the holes shall be around 5/16" (0.31" or 8mm) and a depth of 2.05" (5.2cm). When drilling the screw holes, please take note that both templates have arrows indicating the top side for proper alignment.

For wood studs: go to STEP 2, use Phillips Pan Head Screws provided. If you plan to install the EV Charger on drywall, see Step 1 and ensure the drywall is sufficiently thick.

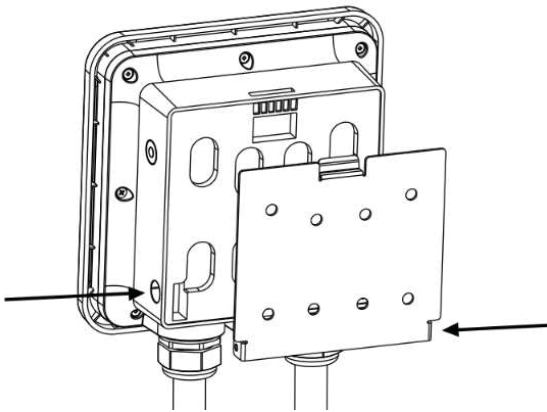
STEP 2



Detach the wall mounting bracket from the EV charger using the Allen Wrench provided in the box. **Don't lose it, you'll need it in the future.**

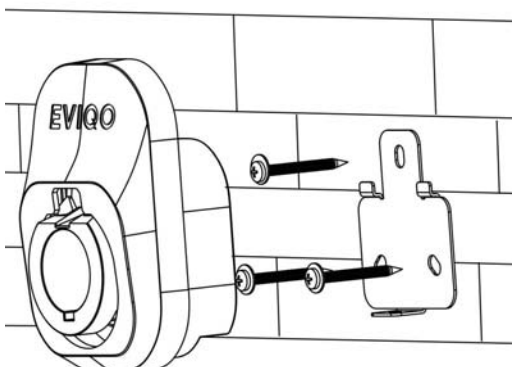
Use the Wall Anchors and Phillips Pan Head Screws provided to fix the wall-mounted bracket for the EVIQUO Smart EV Charger onto the wall. Make sure the surface is sufficiently thick to securely hold the EV Charger.

STEP 3



Align the rear notches of the EVIQUO Smart EV Charger with the wall-mounted bracket. Insert the Anti-Theft Countersunk Head Screws through the screw holes on the right and left sides of the bracket. Then, use the Allen Wrench provided in the box to securely fasten the EVIQUO Smart EV Charger to the wall-mounted bracket.

STEP 4

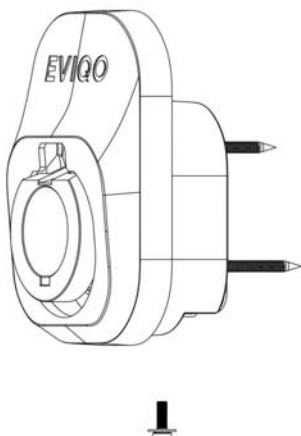


Detach the mounting bracket from the Holster using the Allen Wrench provided in the box.

Don't lose it, you'll need it in the future.

Use the Wall Anchors and Phillips Screws provided to securely fix wall-mounted bracket for the Holster onto the wall.

STEP 5



Align the rear notches of the Holster with the wall-mounted bracket. Insert the Anti-Theft Countersunk Head Screw through the screw hole on the bottom side of the bracket. Then, use the Allen Wrench provided in the box to securely fasten the Holster to the wall-mounted bracket.

Final Preparation

Important notes before EVIQO Smart EV Charger is ready to go:

1. To ensure proper cable management, extend the cable to its full length, allowing any kinks or tension to be released. Afterwards, securely store the cable using the holster for neat and organized storage. You can also store the cable on the EVIQO Smart EV Charger as the faceplate has a special lip to hold the cable loops.
2. Restore power to the circuit at the electrical breaker panel by switching on the corresponding breaker.
3. After powering up the EVIQO Smart EV Charger following the installation, the charging status Q-indicator will get solid green, indicating it is ready to charge. By default the EVIQO Smart EV Charger is set for Plug & Charge mode – just plug in the connector to your car and the charging session will start automatically. No need to pair it with the EVIQO MAX app to start charging.
4. The small vertical line is the connection indicator located below the Q-indicator. After powering up, it will get flashing blue, indicating it has entered into a configuration mode. In this status the device is prepared for configuration and pairing with the smartphone through the EVIQO MAX mobile app.



ATTENTION: Once the EVIQO Smart EV Charger gets powered up for the first time, it may go into the firmware update. This happens OTA (over-the-air), usually in the afternoon. Once updated, the charger will reboot itself to save the changes and briefly go offline. After rebooting, it will power back on and get back online. In case of rebooting, the charging session will be interrupted.

9. Configuring Your Device

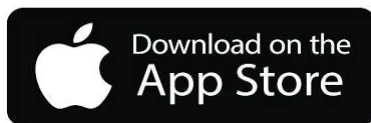


ATTENTION: After mounting the EVIQO Smart EV Charger, it is crucial to configure it in order to take full advantage of its wide variety of smart functions.



ATTENTION: Upon powering up, the EV Charger enters a configuration mode if not yet configured. There is no time limit for the configuration window. The device will stay in configuration mode until setup is complete. Once the configuration is successful, the vertical line indicator turns solid blue.

Note: To download the EVIQO MAX mobile app, please use the QR codes.



EVIQO MAX APP GUIDE:

EVIQO YouTube Videos:

