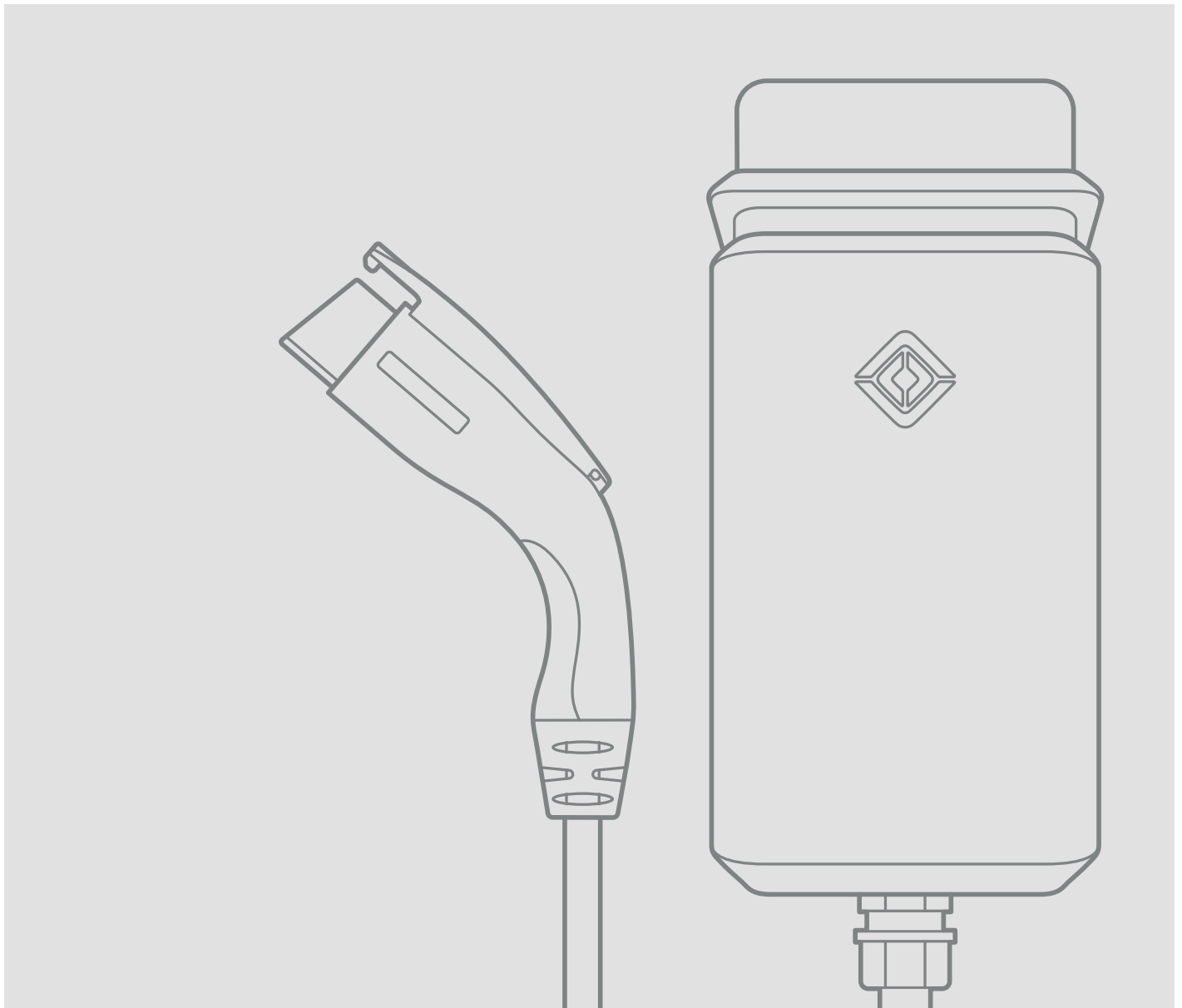


WALL CHARGER

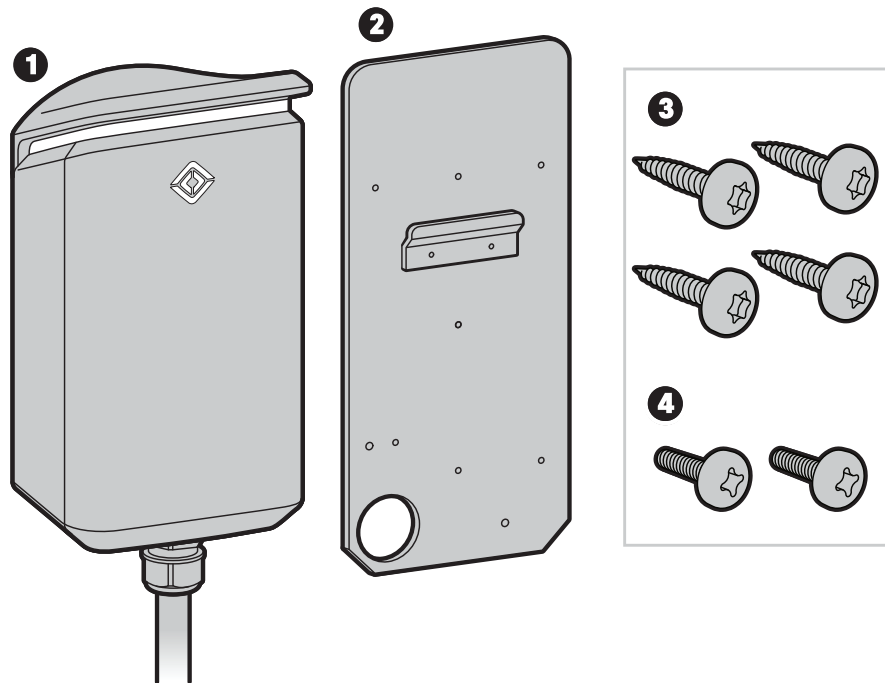
Installation Guide



Introduction

This document provides installation instructions for the Rivian Wall.

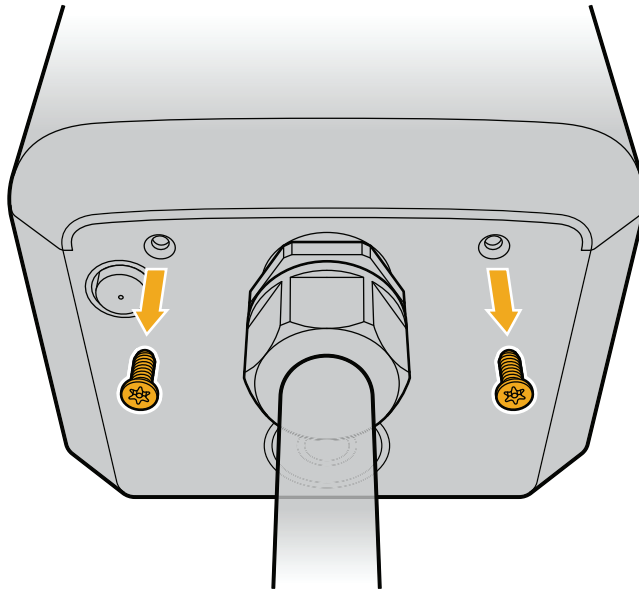
Identify Parts



1. Wall
2. Mounting plate
3. Four T20 anchor screws (to attach the mounting plate to a wall)
4. Two #2 Phillips screws (to attach the charger to the mounting plate)

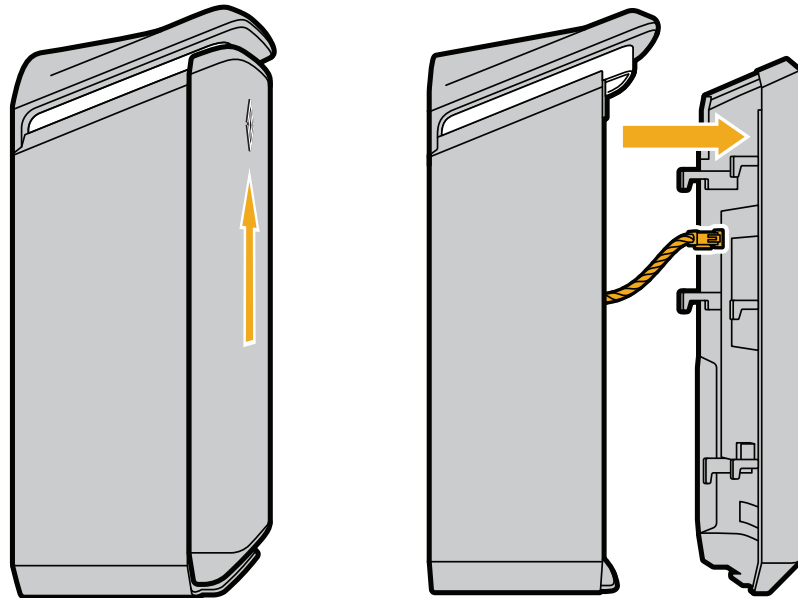
REMOVE THE FACEPLATE

1. Remove the two Security T20 Torx screws on the bottom of the Wall.

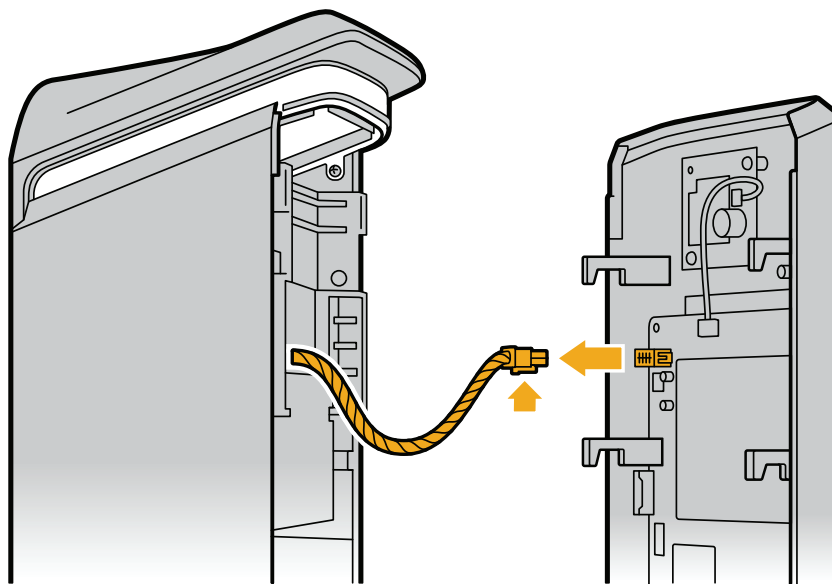


REMOVE THE FACEPLATE

2. Push the faceplate up, and then carefully pull it partially off of the charger. A cable attaches between the interior of the faceplate and the Wall housing.



3. Press the locking tab to release the cable from the network board on the interior of the faceplate.



4. Remove the faceplate.

Installation

SELECT AN INSTALLATION LOCATION

- For an indoor site, select a location that is between 18 in (45 cm) and 4 ft (1.2 m) from the ground.
- For an outdoor site, select a location that is between 24 in (60 cm) and 4 ft (1.2 m) from the ground.
- Select a location that ensures the charger cable can easily reach the vehicle charge port.

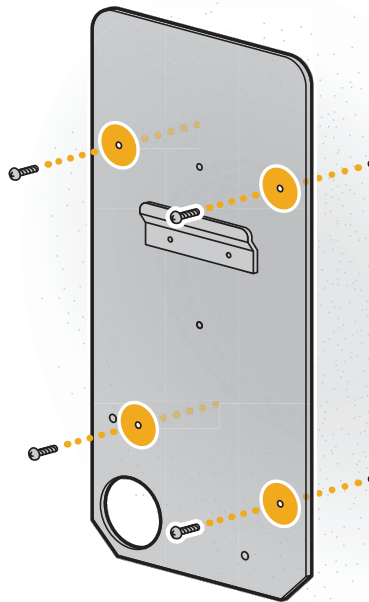
ATTACH THE MOUNTING PLATE TO THE WALL

NOTE

- Feed conduit only from the bottom when mounting the Wall Charger at an outdoor site.
- When installing to a concrete wall, select a fastener suitable for installation on concrete or stucco. Do not use the T20 fasteners provided with the product.

To attach the mounting plate to a concrete wall:

1. With the flat side of the mounting plate against the wall, and the large hole positioned in the lower-left, install a fastener in each of the four locations shown.

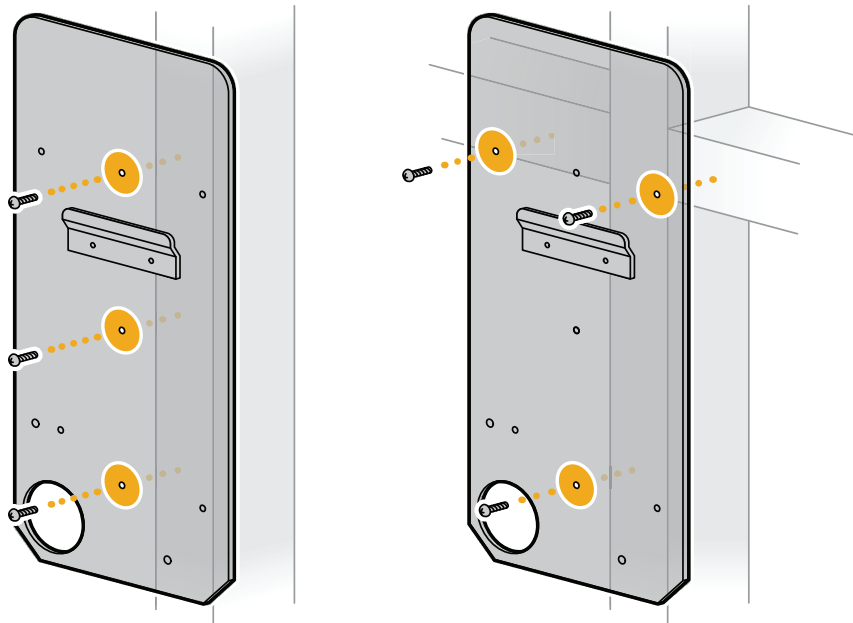


2. Use a level to confirm the plate is level.
3. Tighten the screws in order to affix the mounting plate to the wall. Ensure that both the screw and the wall are not damaged during installation.

INSTALLATION

To attach the mounting plate to a finished wall supported by wooden studs:

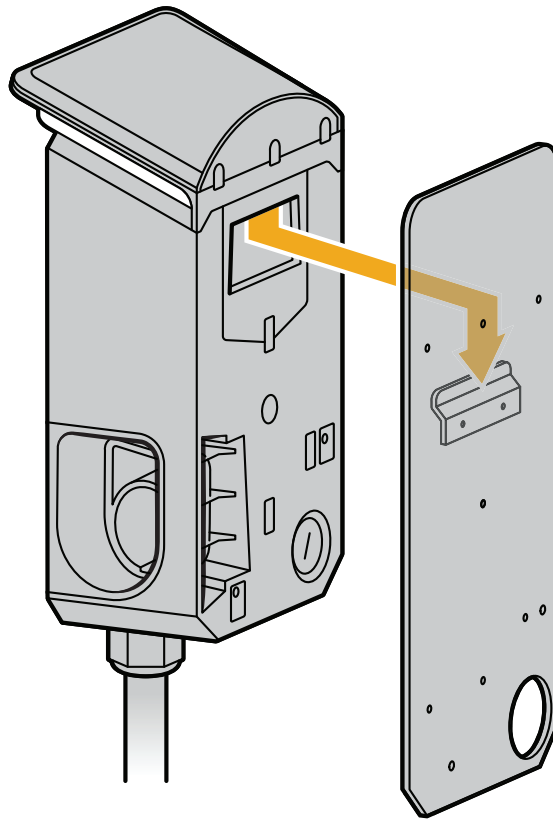
1. Use a stud finder to locate the stud(s).
2. With the flat side of the mounting plate against the stud, and the large hole positioned in the lower-left, install the T20 screws in the locations shown.
 - For a vertical stud, install a screw in each of the three center holes.
 - For a horizontal stud:
 - a. Select a location where the horizontal and vertical studs meet.
 - b. Place the three holes in the upper third of the mounting plate against the horizontal stud and the three holes down the center of the mounting plate against the vertical stud.
 - c. Install a screw in each of the two outer holes in the upper third of the mounting plate.
 - d. Install a third screw in the lower center location of the mounting plate.



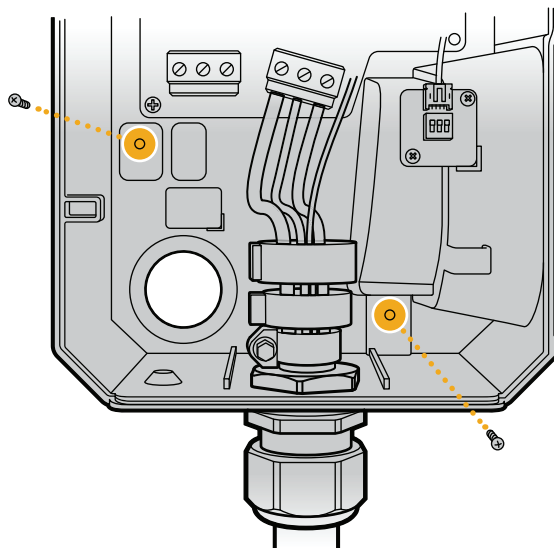
3. Tighten the screws in order to affix the mounting plate to the wall. Ensure that both the screw and the wall are not damaged during installation.

INSTALL THE WALL CHARGER ON THE MOUNTING PLATE

1. Hang the Wall Charger on the installed mounting plate.



2. Locate, install, and tighten the two #2 Phillips screws.



3. Torque each screw to 12 in-lb (1.36 N·m).

CONNECT CONDUIT AND WIRES

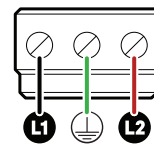
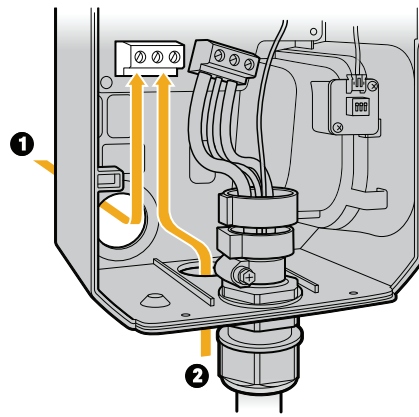
Consult a licensed electrician to select a wire size appropriate to the breaker size and to the maximum current set.


To connect to the Wall:

1. Select an appropriate wire entry point based on the table and image below.

| Indoor Installations | Outdoor Installations |
|--|-------------------------|
| Through rear (1) or through bottom (2) | Through bottom (2) only |

2. Install conduit or wire fittings into the wire entry point. Ensure that the fittings are rated for the type and size of wire used.
3. Trim the ends of the wires to an appropriate length to allow for future servicing.
4. Strip the ends of the conductors 7/16 in.
5. Fully insert the wire into the corresponding terminal. Ensure that the conductors (L1, Ground, L2) are installed in the correct locations.





Do not overtighten the terminals.

6. Torque each terminal to 10.6 in-lb (1.2 N·m).
7. After energizing the charger, use a multimeter to test the voltages on the input terminal.

Specifications

| Specification | Description |
|-----------------------|---|
| Voltage | 208/240 VAC (-20% – +15%), single-phase |
| Frequency | 60 Hz |
| Charging connector | SAE J1772 |
| Charging cable length | 25 ft (7.6 m) |
| Wi-Fi | IEEE 802.11 b/g/n |
| Network band | 2.4 GHz |
| Real-time clock | Yes (7 days) |
| Ethernet | 10/100BASE-T |
| Bluetooth | Supports Bluetooth 5.0 |
| Data protocol | OCPP 1.6; ISO 15118 capable |
| Metering accuracy | Embedded ± 1% |
| Operating temperature | -22°F to 122°F (-30°C to 50°C) |
| Storage temperature | -40°F to 176°F (-40°C to 80°C) |
| Wiring type | Hard-wired |
| Acceptable wire sizes | #14 to #6 AWG copper only (#6 AWG required for full 48 A continuous current) |
| Operating current | 6 A, 12 A, 16 A, 20 A, 24 A, 32 A, 40 A, 48 A (default, maximum) |
| IP performance | NEMA Type 3R |
| Impact resistance | IK8 |
| Dimensions | Height: 16.4 in (41.6 cm) Width: 7.7 in (19.63 cm) Depth: 5.8 in (14.45 cm) |
| Weight | 24.25 lb (11 kg) including 25 ft cable |
| Certification | UL 1998/2231/2594; FCC Part 15B |
| UL file number | E520745 |
| Product number | PT00057325-A |