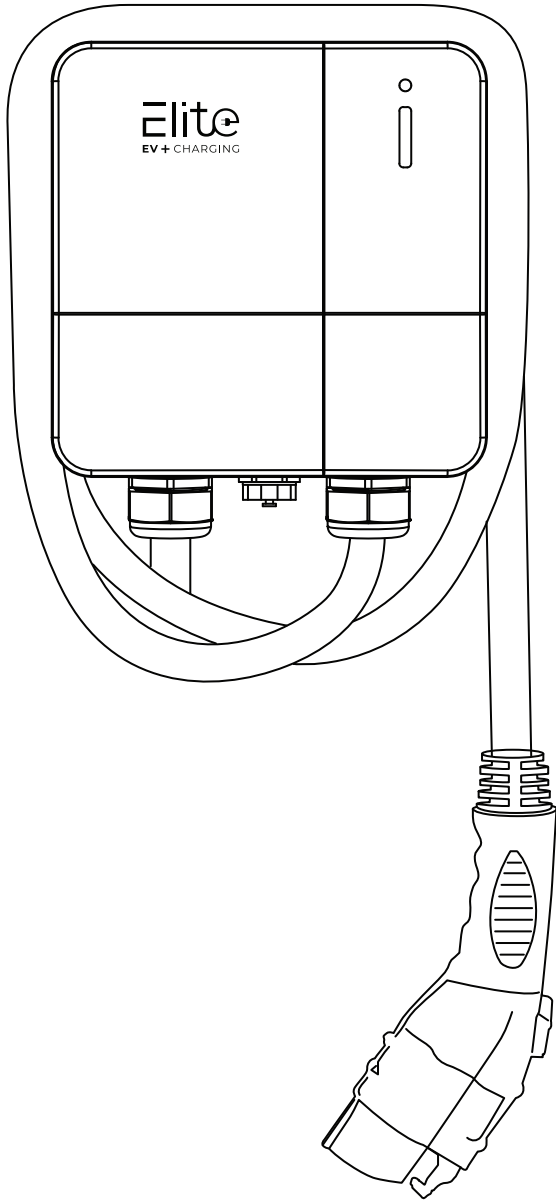


**EVR2-1-40A/32A/16A-9KW-BLE-WIFI**  
RESIDENTIAL • SINGLE-FAMILY



**WARNING**

**These instructions must be adhered to during the installation, operation, and maintenance of the unit.**

1. Please thoroughly review all instructions before using this product.
2. When used in proximity to children, ensure constant supervision of this device.
3. Do not insert fingers into the electric vehicle connector.
4. Refrain from utilizing this product if the flexible power cord or EV cable displays signs of fraying, damaged insulation, or any other indications of wear.
5. Do not use this product if the enclosure or the EV connector is broken, cracked, open, or exhibits any other forms of damage.
6. To mitigate the risk of fire, exclusively connect to a circuit equipped with branch circuit over-current protection in accordance with the CSA C22.1–15 Canadian Electrical Code, Part 1 (Canada), NOM-001-SEDE Electrical Installations (Utility) (Mexico), or ANSI / NFPA 70 National Electrical Code (USA).
7. To prevent the risk of fire or electric shock, refrain from employing this device in conjunction with an extension cord.
8. THE APPROPRIATENESS OF UTILIZING FLEXIBLE CORDS IN ACCORDANCE WITH CE CODE, PART I, RULE 4-012, MUST BE DECIDED UPON BY THE LOCAL INSPECTION AUTHORITY WITH JURISDICTION.
9. There is a risk of electric shock. Do not remove the cover or attempt to access the enclosure. There are no serviceable components inside. For any servicing needs, please consult qualified service personnel.

<b>Circuit Breaker Options table</b>			
Output Amperage (A)	16A	32A	40A
Circuit Breaker Options (A)	20A	40A	50A

**This device complies with part 15 of the FCC Rules.**

**Operation is contingent upon compliance with the following two stipulations:**

This device shall not generate harmful interference.

This device must accept any interference it receives, including interference that might lead to unintended operation.

**Any alterations or adjustments made to this equipment that have not received explicit approval from the entity responsible for ensuring compliance may result in the user losing their authority to operate the unit.**

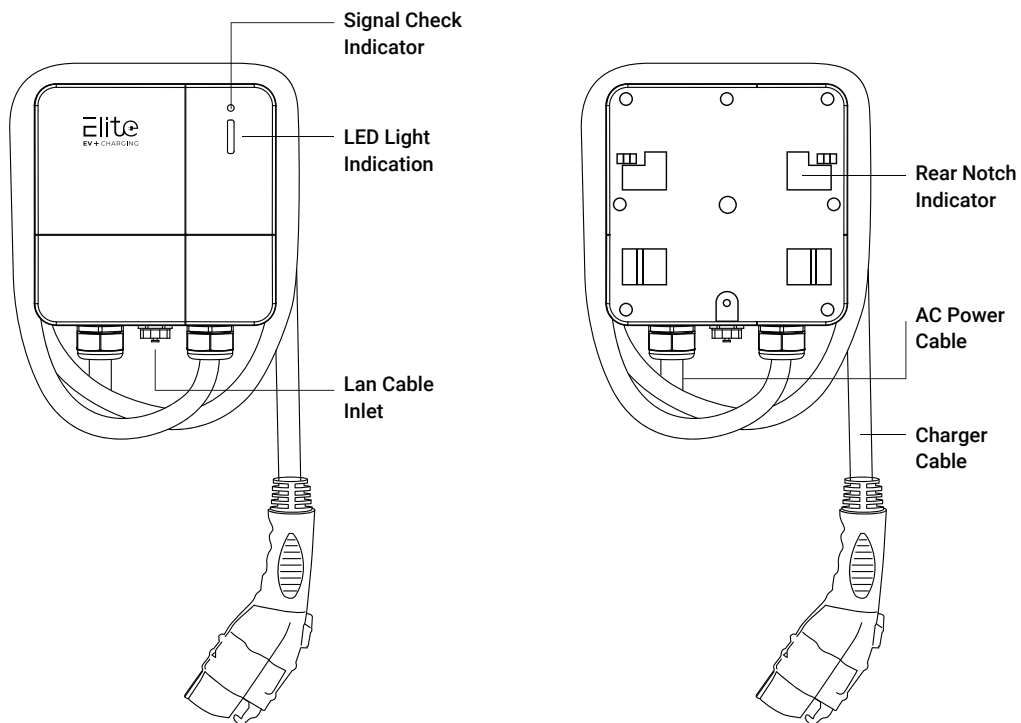
**Note:** This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his or her own expense.

Wi-Fi module: Contians FCC ID: 2AC7Z-ESPWROOM32D

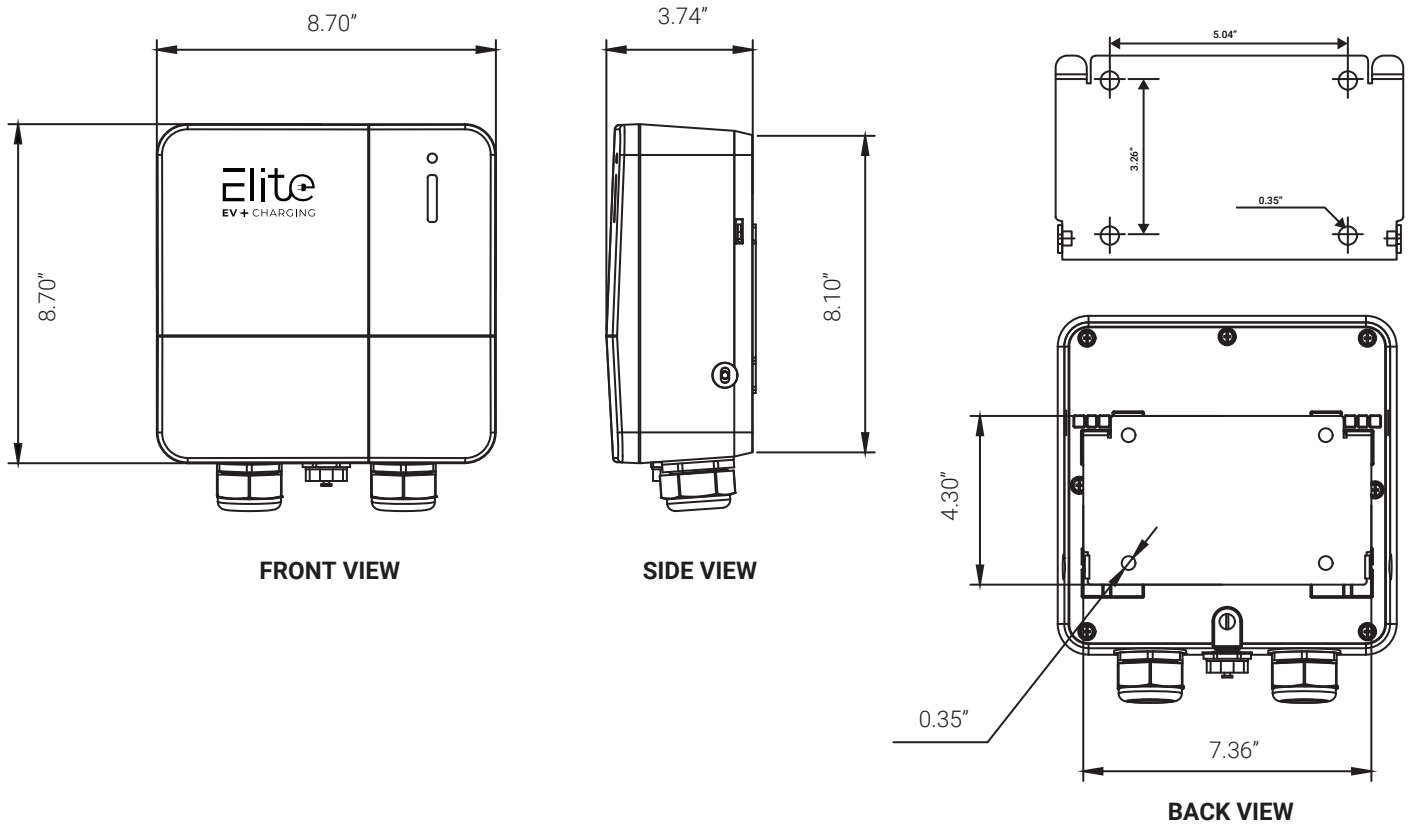
LTE module: Contians FCC ID: XMR202008EC25AFXD

To satisfy FCC RF exposure requirements, a separation distance of 20cm/ 7.87" or more should be maintained between the antenna of this device and persons during device operation. To ensure compliance, operations at closer than this distance is not recommended.

## Basic Interface



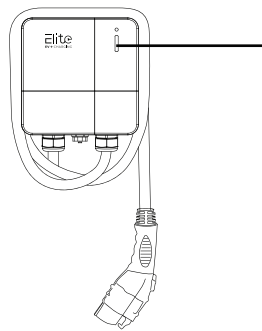
## Dimensions



## Design Standards

- UL 2594: Electric Vehicle Supply Equipment
- UL 2231-1: Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits: General Requirements
- UL 2231-2: Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits: Particular Requirements for Protection Devices for Use in Charging Systems
- UL 2251: Plugs, Receptacles and Couplers for Electric Vehicles
- UL 62: Flexible Cords and Cables
- UL 991: Tests for Safety-Related Controls Employing Solid-State Devices
- UL 1998: Software in Programmable Components
- NFPA 70 Article 625: National Electrical Code, Electric Vehicle Charging System
- UL 840 (Clearance and Creepage)

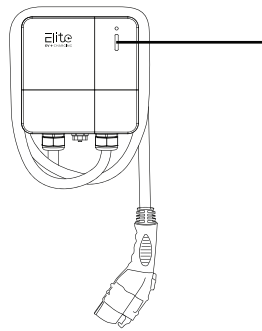
## Status Description of the Charger Indication Light



● **READY**

**Standby - Blue Light**

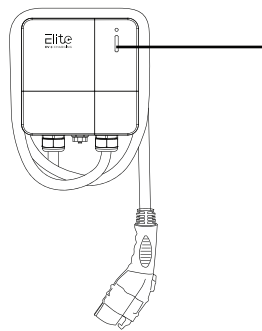
The READY light is steady in standby mode.



● **CHARGE**

**Ready to Charge - Green Light**

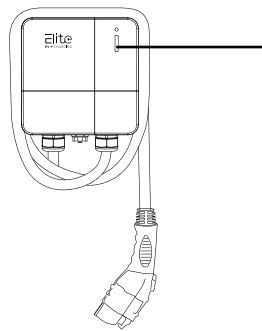
The light is steady when the charger is connected to the vehicle.



● **CHARGE**

**Charging - Green Light Flashing**

The CHARGE light will flash while the vehicle is charging.

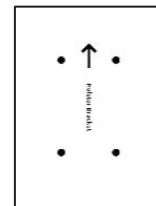
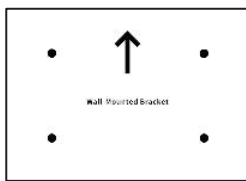
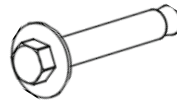
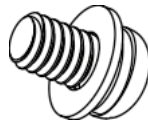
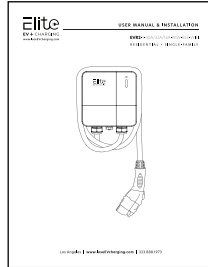
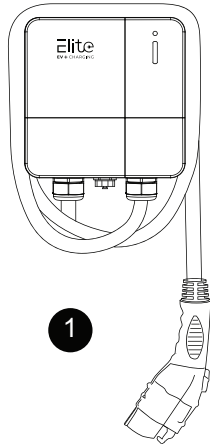


● **FAULT**

**Fault - Red Light**

The red light will come on when there is an error.

### Parts



No.	Product Name	Quantity	Description
1	AC Charger	1	With attached input power cable and output charging cable
2	User Manual	1	Please read carefully before use
3	Wal-Mounted Bracket	1	For mounting the charging station to the wall/structure
4	M5 Anti-Theft Round Head Screws	2	For securing the charging station to the Mounting Bracket
5	M6 Hexagonal Expansion Screws	4	For installing the Mounting Bracket to the wall/structure
6	Allen Wrench	1	For tightening M5 Screws
7	Corrugated Mounting Template	1	For easy drilling of 4 screws holes for wall-mounted bracket
8	M6 Anti-Theft Hexagonal Expansion Screws (Optional)	4	For installing the Holster Bracket to the wall/structure
9	M5 Anti-Theft Countersunk Head Screws (Optional)	4	For securing the Plug Holste to the Holster Bracket
10	Holster Bracket (Optional)	1	For mounting the Plug Holster to the wall/structure
11	Plug Holster (Optional)	1	For allowing the plugs to be neatly and safely stored when not in use
12	Corrugated Mounting Template (Optional)	1	For easy drilling of 4 screws holes and safely stored when not in use

## Tools and Materials Required

Tools required before installing the Wall-Mounted charger, gather the following tools:

1. Wire stripper
2. Adjustable Wrench
3. Voltmeter or digital multi-meter (for measuring AC voltage at the installation site)
4. Level ruler
5. Pencil or Marker
6. Drill

## Maintenance and Repair

### Daily Maintenance





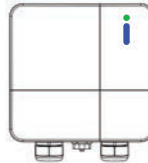
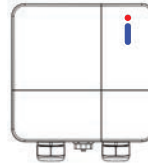
Maintain the charger in a clean environment with low humidity and ensure the charging area remains similarly clean. Avoid installing it in locations near the sea, places with high oil content, excessive humidity, or heavy dust.

1. Prevent moisture or water from entering the charger. In case of water or moisture ingress, immediately power off the charger to prevent immediate hazards. Notify qualified professionals for necessary maintenance before the next use.
2. If you notice any damage or dirt on the vehicle connector, charging cable, or vehicle connector holder, promptly get in touch with maintenance personnel.
3. Properly handle the charger, avoiding any impact or excessive pressure on its casing. If the casing sustains damage, consult a professional technician.
4. Keep the charger away from hot objects and high-temperature environments, as well as substances like flammable gases and corrosive materials.
5. Do not place external objects or heavy items on the charger to prevent potential hazards.





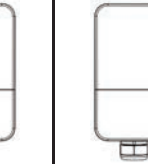
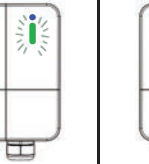
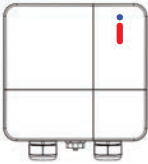
FAULT STATUS	RED LIGHT	REMARK
Voltmeter Fault	1 Flash Followed By 3 Sec Pauses	Auto Recover
Control Pilot Fault	2 Flashes Followed By 3 Sec Pauses	Auto Recover (Pull Out Charging Connector)
Input UVP	3 Flashes Followed By 3 Sec Pauses	Auto Recover
Input OVP	4 Flashes Followed By 3 Sec Pauses	Auto Recover
OTP	5 Flashes Followed By 3 Sec Pauses	Auto Recover
OCP	6 Flashes Followed By 3 Sec Pauses	Auto Recover (Pull Out Charging Connector)
Ground Fault	7 Flashes Followed By 3 Sec Pauses	Auto Recover (Pull Out Charging Connector)
Relay Fault	8 Flashes Followed By 3 Sec Pauses	Auto Recover (Pull Out Charging Connector)
Rcd Abnormal	9 Flashes Followed By 3 Sec Pauses	Auto Recover (Pull Out Charging Connector)
Rcd Self -Test Fault	10 Flashes Followed By 3 Sec Pauses	Reboot Recover

## Signal Indicator

Not connected	Connecting to Internet	Connecting to Internet	Connecting to App	Connected to App	Connection Fail
					
Solid Blue	Blue Blinking	Green Slow Blink	Green Quick Blink	Solid Green	Solid Red

The Signal Indicator and Status Indicator share the same color when in Plug & Charge Mode.

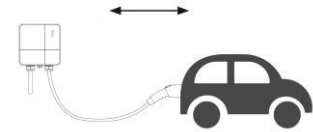
## Status Indicator

Standby, waiting to plug in	Waiting to Charge	Charging in Process	Charging Complete	Error
				
Solid Blue	Solid Green	Blinking Green	Solid Green	Solid Red

## Warranty

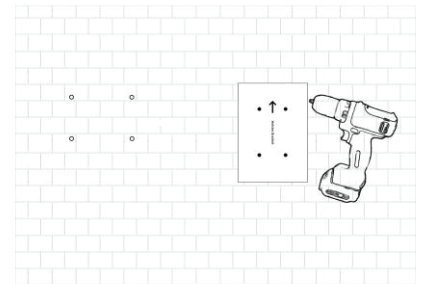
- This charger comes with a three-year warranty.
- During this warranty period, any malfunction that occurs under normal usage, as outlined in the User Manual and Service Instructions (to be determined by certified maintenance technicians appointed by the sellers), will be repaired at no cost. The charger is subject to the following warranty terms, except in the following scenarios:
  1. If a valid warranty certificate cannot be provided, or if the warranty certificate's contents have been altered and are inconsistent with the product label's indications.
  2. If proof of purchase cannot be provided.
  3. If the warranty period specified by the manufacturer is exceeded.
  4. If the product is damaged due to non-compliance with the product's service instructions for usage, maintenance, and storage.
  5. If damage or malfunction results from foreign objects entering the device.
  6. In cases of unauthorized repair, disassembly, or modification.
  7. If damage is caused by force majeure events (such as lightning, excessive voltage, earthquakes, fires, floods, etc.).
  8. If malfunction or damage is caused by other unavoidable external factors or improper use of the equipment, such as the ingress of water or other substances.
  9. If malfunction or damage is caused by grid power supply and voltage that are not specified for use with the charger equipment.
- These guarantees are exclusive, and no other express or implied warranties are provided (including implied warranties of merchantability, fitness for a particular purpose, and suitability, etc.). Elite EV shall not be liable for any special, incidental, or consequential damages, whether in contract, tort, or any other aspect.

**Step 1:** Select the appropriate mounting location with electrical capacity:  
Ensure the owner has chosen a mounting location that allows the charging cable to reach the car’s charging port while still providing slack. The device must be anchored into mounting, such as a 2” x 6” stud or a solid wall. The device should be mounted at a height between 2 feet (600 mm) and 4 feet (1200 mm) from ground.



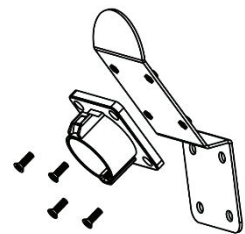
**Step 2:** Holster (Optional)

Drill (x8) holes with a diameter of 0.35” and a depth of 2.05” by using 2 mounting templates. Please drill screw holes in the direction of the template arrow. And use two templates at a horizontal distance around 12”.



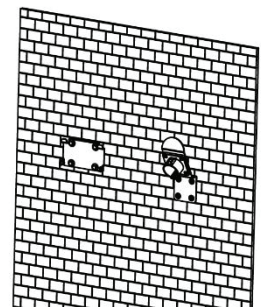
**Step 3:** Securing the (Optional) Holster

Secure the Plug Holster to the Holster Bracket with (x4) M5 Anti-theft countersunk head screws. Ensure the grooved part of the inner ring is facing down.



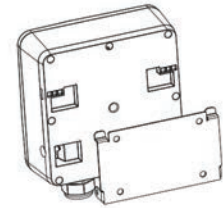
**Step 4:** Securing the wall-mount and holster brackets

Use (x2) sets (8 pieces total) of Hexagonal Expansion Screws to secure the wall-mount bracket and holster bracket (use anti-theft hexagonal expansion screws) on the wall. Then level the brackets.



**Step 5: Alignment**

Align the rear notch of charger with the wall-mounted bracket and fit the screw holes of the right and left side



**Step 6: Finalize Holster Installation**

Tighten two M5 anti-theft screws to complete the installation.



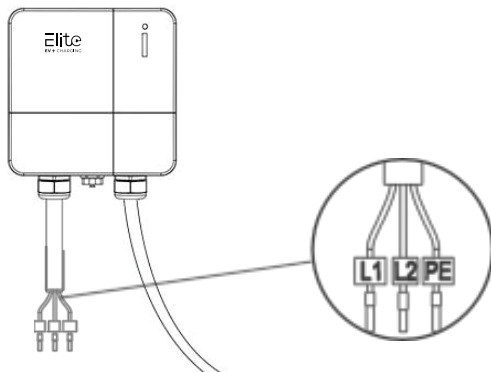
**Wiring**

**GROUNDING INSTRUCTIONS**

Grounding is an essential requirement for this product. In the event of a malfunction or breakdown, grounding serves as the path of least resistance for electrical current, thereby mitigating the risk of electric shock. This product is furnished with a cord featuring an equipment grounding conductor and a grounding plug. It is imperative that this plug be inserted into an appropriate outlet that has been correctly installed and grounded in accordance with all applicable local codes and regulations.

**WARNING**

Incorrectly connecting the equipment-grounding conductor can pose an electric shock hazard. If you are uncertain about whether the product is correctly grounded, seek advice from a qualified electrician or serviceman. Avoid altering the plug that accompanies the product; if it doesn't fit the outlet, engage a qualified electrician to install a suitable outlet.



To ensure the safe utilization of electricity, it is imperative to incorporate circuit breaker protection at the charging pile's input section. Connect the L1 lead to the grid's L1, link the L2 lead to the grid's L2, and connect the PE lead to the grid's PE (for all versions).

## Operation Instructions

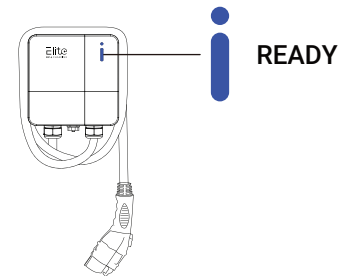
### WARNING:

1. Ensure proper supervision of this device when it is in proximity to children.
2. Refrain from applying excessive force or impact to the casing. If the enclosure is compromised, seek assistance from a qualified technician.
3. To prevent potential hazards, avoid placing heavy objects on the charger.

### Operating Steps: Plug and Charge

#### Step 1: Standby Mode

After powering on, all lights should be on: blue light (READY), green light (CHARGE) and red light (FAULT). Standby mode to follow: blue light (READY) should be on and steady.



#### Step 2: Plug in

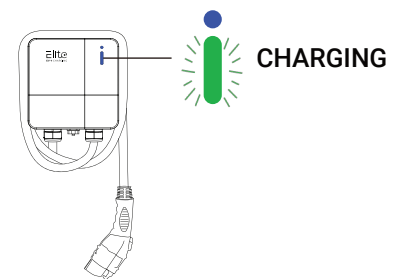
Plug the charging connector into the vehicle charging inlet.



#### Step 3: Charging

The green light (CHARGE) will flash automatically, charging is in process.

- If the red light (FAULT) is lighted, remove and reinsert the plug.
- If red light is still lighted, refer to "Error and Warning Messages"



#### Step 4: Charging complete

Once completed, the green light (CHARGE) will stay illuminated steadily. To disconnect, simply press the button located on the connector.

