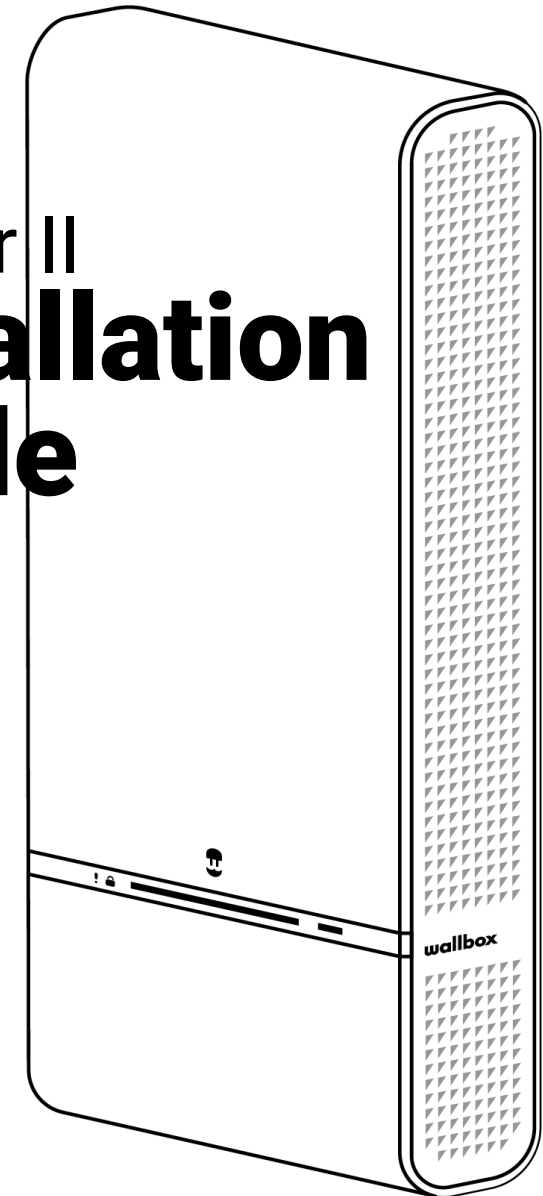


# Quasar II Installation Guide



[support.wallbox.com/na](https://support.wallbox.com/na)



## Quick Start Guide

Download to learn how to:

- ✧ Connect to your charger via Bluetooth
- 📶 Add your charger to a Wi-Fi network
- 📱 Manage and control your charger using the myWallbox app



## Start Charging Smart

Scan this QR to download the **Wallbox app**

- 💰 Save money with charging schedules
- 📱 Control your charger from anywhere
- 📊 Manage your energy use with insights and extra features

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# Getting Started

## Data Sheet

### General Specifications

<b>Cable length</b>	16 ft or 25ft
<b>Metering</b>	Integrated Metering (App Overview)
<b>Connector type</b>	CCS1
<b>Main unit dimensions</b>	29x14x5 in
<b>Charger weight</b>	<44 lb (main unit)
<b>Packaging</b>	<11 lb
<b>Operation temperature</b>	-22°F (-30°C) to 104°F (40°C) at full power, -22 °F (-30°C) to 122°F (50°C) with derating of power
<b>Storage temperature</b>	-40°F (-40°C) to 160°F (70°C)
<b>Operation humidity</b>	5 - 95%
<b>Noise</b>	<60dB(A) at 3ft
<b>Connectivity</b>	Bluetooth, WiFi, Ethernet, 4G
<b>Software updates</b>	Remote, Via OCPP
<b>Mounting</b>	Wallplate
<b>Grid codes, SRD &amp; others</b>	IEEE 1547a-2020, CSIP (CA Rule 21), UL 1741:2023 SB & SA. Grid Support Utility-Interactive Inverter.

<b>Compliant standards</b>	UL 9741, UL 2231-1, UL 2231-2, UL 174
<b>EV protocols</b>	DIN 70121, ISO 15118-2/20

### Electrical specifications

<b>CHARGE</b>	
<b>Input [AC]</b>	240 V AC / 52 A (120V/240V Single Split Phase) 12.48 kW at 104°F (40°C), 11.8 kW at 122°F (50°C)
<b>Output [DC]</b>	200-920 (450) VDC / 30 A max. 12 kW at 104°F (40°C), 11.5 kW at 122°F (50°C)
<b>DISCHARGE</b>	
<b>Output [AC]</b>	240 V AC / 52 A (120V/240V Single Split Phase) 12.48 kW at 104°F (40°C), 11.2 kW at 122°F (50°C)
<b>Input [DC]</b>	200-920 (450) VDC / 30 A max. 12.8 kW at 104°F (40°C), 11.5 kW at 122°F (50°C)
<b>Feed-in type</b>	Single Split Phase
<b>Isc Max DC</b>	67.6 A
<b>AC Cable width (Single Split Phase)</b>	4 AWG

<b>Earthing (Grounding)</b>	TN-C-S
<b>Frequency AC</b>	58.8-61.2 (60) Hz
<b>Environmental rating</b>	TYPE 3R
<b>Overvoltage/Overheating</b>	Included Protection
<b>Fault Current</b>	Isolation monitor and Ground Monitor interrupters
<b>Overvoltage category</b>	Category IV
<b>Protective class</b>	Class I
<b>Max altitude (above sea level)</b>	6561 ft
<b>Life expectancy</b>	10 years (avg. 6h/day)
<b>Accuracy</b>	Voltage - 1% (Vnom) Frequency - 0.01 Hz Active power - 5% Reactive power - 5% Time - 1%

### Part Number Structure

[XXXX - X - X - X - X - XXX]

1 2 3 4 5 6

1. Model	QSU2 - Quasar 2 NA
2. Cable Length	U - 25 ft V - 16 ft
3. Connector	K - CCS1
4. Power	9 - 12 kW
5. Feature	K - DC Leakage + OCPP
6. Custom/Branding	NBL - Nebula White STL - Satellite Grey

## Safety Icons

Hot surface, risk of burn.



Flying debris, risk of injury.



Heavy object, risk of muscle strain.



Caution.



Risk of electric shock.



Sharp element, risk of injurious cuts.



Ground earth connection required.



Special waste treatment.



Crush hazard. Keep feet clear.



## IMPORTANT SAFETY INSTRUCTIONS

**SAVE THESE INSTRUCTIONS.** This manual contains important instructions for Quasar 2 that shall be followed during the unit's installation, operation and maintenance. Follow all the safety instructions carefully before installing or using the charger.

Failure to follow the instructions may result in safety hazards, cause equipment malfunctioning and void the warranty.

Being a bi-directional charger, **capable of discharging the EV and injecting power into the grid**, national and local electrical safety and installation considerations must be considered along with an agreement with the local Distribution Network Operator (DNO).

Installation must be performed by a Wallbox-certified electrician and must comply with the National Electric Code (NEC), local codes and the ANSI/NFPA70 for all electrical installations. Requirements of NEC - NFPA 70 sections 310,705, 706 and 710 shall be followed by the installer, especially those requiring directory plaques for all service equipment identifying all electric power sources



**WARNING:** Refrain from installing or using the charger if it appears damaged.



**WARNING:** Ensure that the power supply is switched OFF and that there is no voltage before and during installation and maintenance.



**CAUTION:** Always use adequate individual protection equipment during the installation for safety drilling or charger manipulation.



**CAUTION:** Be aware of the weight when handling the package and the charger.



**WARNING:** Install the charger in a ventilated location and do not install in places exposed to direct sunlight. Do not expose the charger to ambient temperatures outside the operational temperature of -22°F (-30°C) to 104°F (50°C)(Maximum ambient temperature rating).



**WARNING:** Mount the charger in a vertical position and ensure the mounting surface supports the charger's weight and withstands mechanical forces.



**WARNING:** Do not install the charger near:

- Flammable, explosive or combustible materials.
- Chemicals, solvents, gas pipes or steam outlets.
- Radiators or batteries.
- Areas prone to flooding, of high humidity and running water.



**WARNING:** No EV connector adapters or converters are allowed. Neither cable extensions of any kind are allowed for the EV connector.



**WARNING:** The installer is responsible for providing overcurrent protection. To reduce the risk of fire, only connect to a circuit provided with 70A maximum branch-circuit overcurrent protection in accordance with the National Electrical code, ANSI/NFPA 70.

Note: recommended Siemens US2:Q270P or similar



**WARNING:** A contact current higher than 3.5 mA RMS is possible in case of an open ground conductor fault condition.



**WARNING:** Fault current detection by self check isolation monitor.



**WARNING:** For the unit to be operable it shall be properly installed and assembled in accordance with the installation instructions.



**CAUTION:** The charger is allowed to be operated by the end user if, once installed, it is connected to a power supply network that provides a protective grounding conductor.



**CAUTION:** Be careful with hot parts due to high temperatures.



**CAUTION:** Remove the power supply at least 4 minutes before unmounting the charger and refrain from touching the charger and the connector cable when charging for at least 10 minutes after disconnecting.

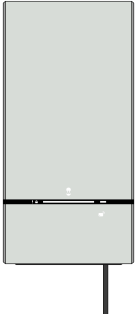
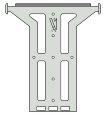
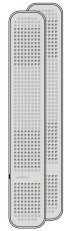


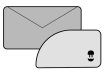


**CAUTION -** Disconnect switch for each ungrounded conductor of AC input shall be provided by others in accordance with the National Electric Code, ANSI/NFPA 70"












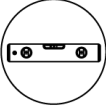


# Package contents

## Components

Wallbox Quasar 2	Installation Kit		Accessories Box		
	Wallplate	Air Covers	Holster CSS1	Installation Guide	Envelope* Opening card
					

[\*] Envelope content: x5 hexagonal screws  $\varnothing 6 \times 40$  mm (Hex) for Wallplate, x2 pan head screws  $\varnothing 4 \times 12$  mm, x2 screws  $\varnothing 5 \times 40$  mm (Philips) for Holster CCS1, x7 wall plugs  $\varnothing 8 \times 40$  mm (not needed for wood walls) and the Opening card.

## Required tools

					
Electric Drill 3/8" (8mm) bits	Hammer	10 mm socket wrench ( $\varnothing 6$ mm)	Torx T20 screwdriver	Phillips screwdriver $\varnothing 5 \times 40$ mm	Crimping pliers
					
Cutting pliers	Utility Knife	Zip ties	Spirit Level	Dynamometric wrench	Measuring Tape & Pencil

# Installation

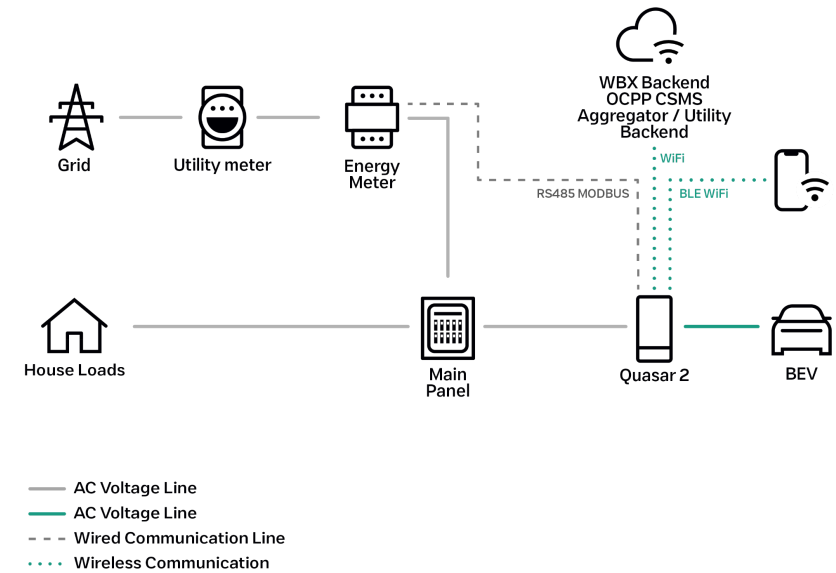
## Installation Instructions

### 1. Location & Positioning

Before installing your charger, be sure to obtain any required permits and/or approvals in accordance with applicable codes, regulations, and ordinances for electrical installations.

Follow the scheme below to design the installation of the charger and all required accessories.

When designing the installation, bear in mind any additional elements that are or shall be installed (such as the Power Recovery Unit, PV, BESS, etc.)



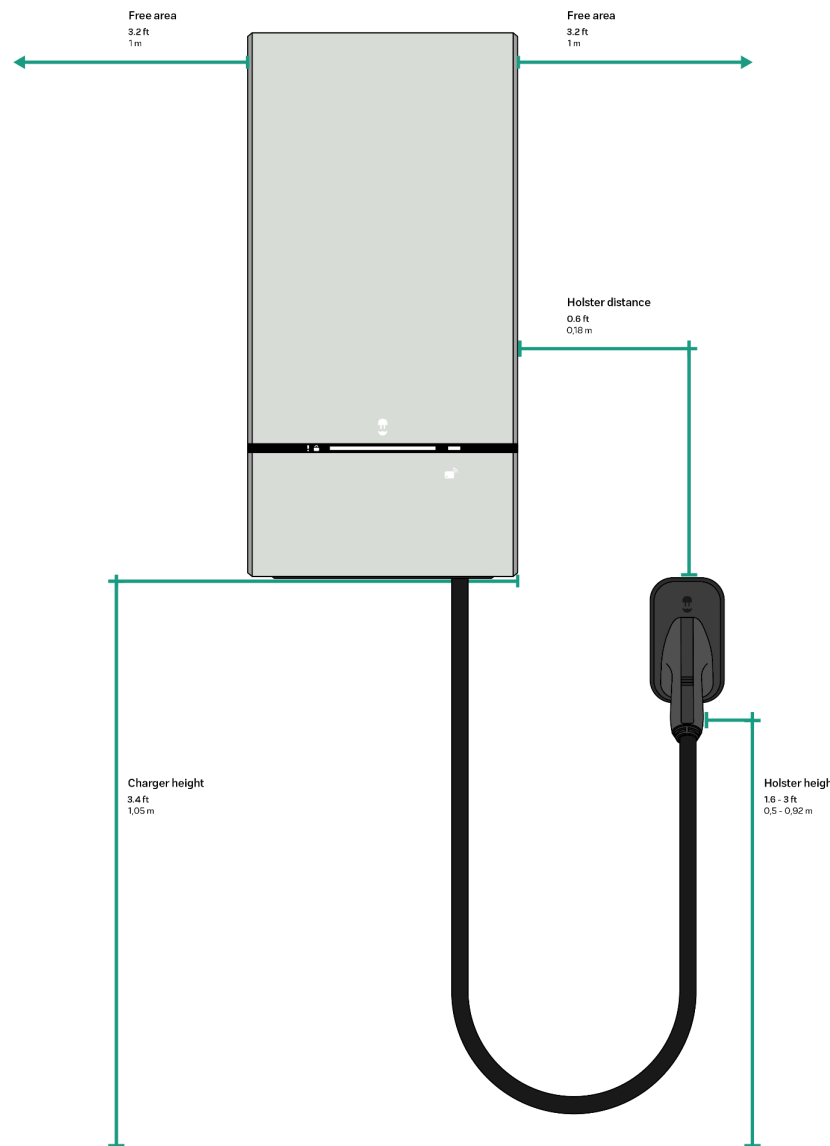
**Location for the charger's placement**, consider how the car is normally parked and the length of the charging cable.

**Note:** always ensure enough slack in the charging cable to prevent tension from being applied to the cable or its connections.

For secure mounting, install the charger on a vertical wall stud or a solid wall with appropriate mounting anchors.

**Positioning**

We recommend installing the charger as shown in the diagram (include the position of the diagram). Note that the minimum installation height must be at least 3,2ft (1m) measured from the bottom of the charger. Wallbox recommends an installation height of 3.4 ft (1.05 m).

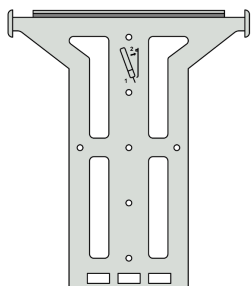


## 2. Drilling & Wallplate

**2.1** Place the wallplate on the wall at the indicated height and mark all fixing points.



**CAUTION:** See recommended installation clearance in chapter 1.



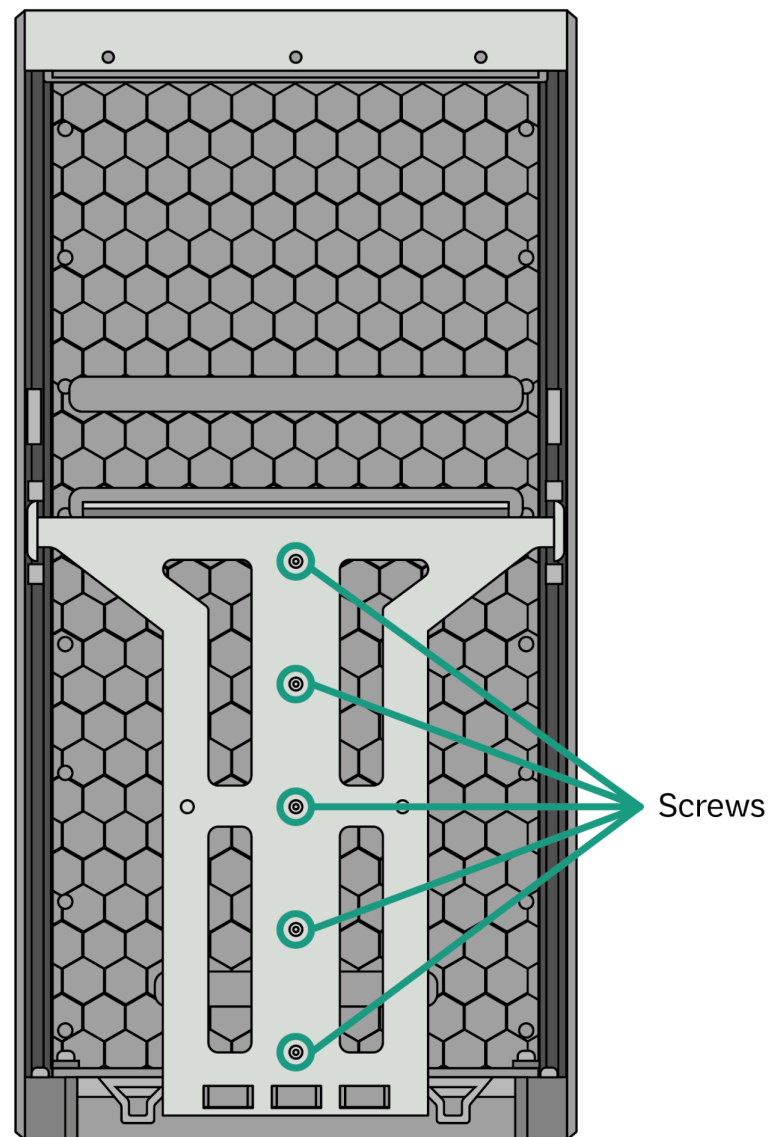
**2.2** Using an 8 mm electric drill, make holes corresponding to the fixing points marked before.

**2.3** Insert the wall plugs (ø8 x 40 mm) into the fixing holes.

**Note:** If the unit is mounted on a wood wall, the wall plugs are not required.

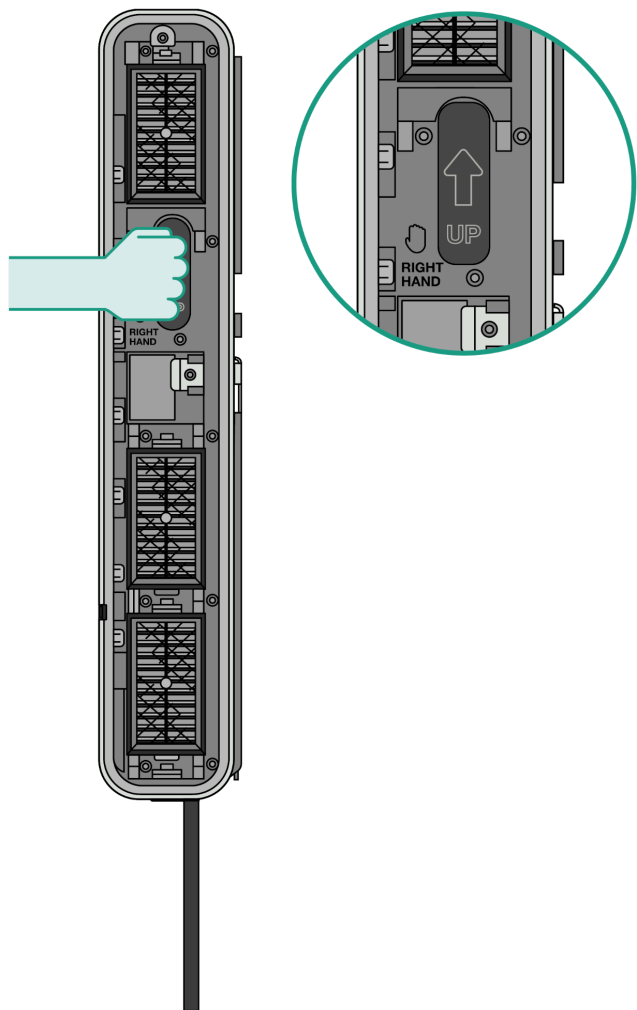
**2.5** Fix the wallplate by inserting the five screws (ø5 x 40 mm) with a hex screwdriver and tighten to approx. 11.5 lb-in / 1.3 N-m.

**Note:** The screws should be tightened manually, avoiding using an automatic tool.

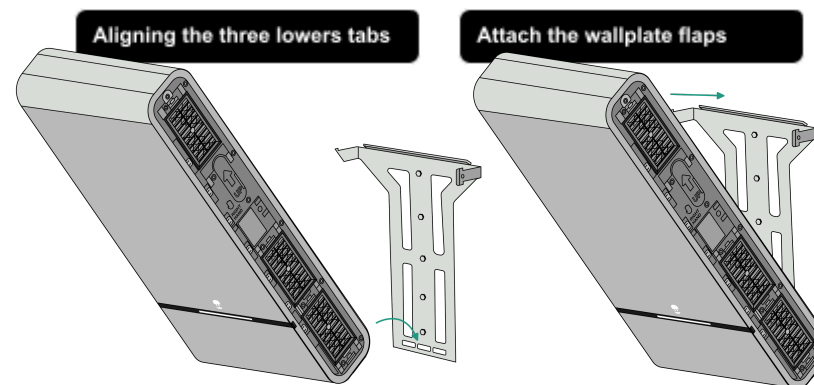


### 3. Mounting the charger

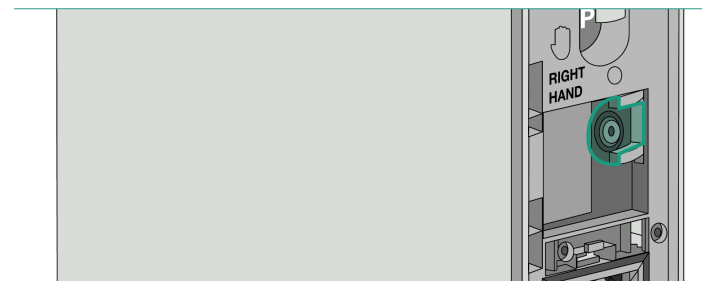
**3.1** Pick up the charger using the lateral handles. See indications on the charger.



**3.2** Hold the charger, aligning the three lower tabs, then attach the wallplate flaps to the charger.



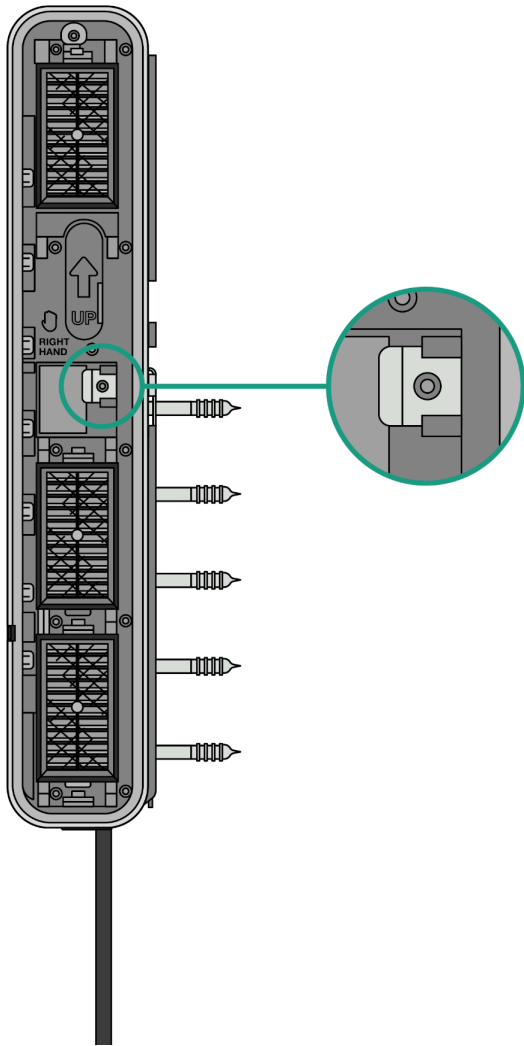
**3.3** Push the charger against the wall until it latches on it. Make sure the charger is fixed correctly by checking the lateral and lower tabs.



**3.4** Fix the charger to the wallplate using **two screws (Torx  $\phi 4 \times 12 \text{ mm}$ )** from the Accessories Envelope.



**Note:** The screws should be tightened manually at approx. 11.5 lb-in / 1.3 N·m. Avoid using an automatic tool.

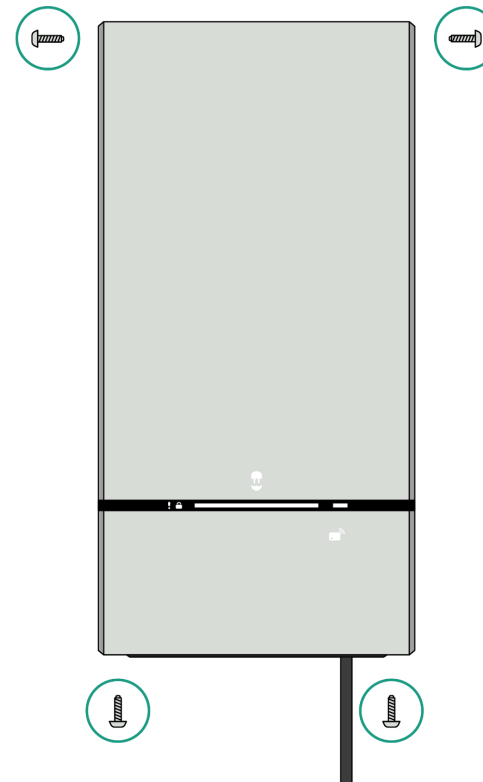


## 4. Opening the charger

**4.1** Remove the **four screws (Torx  $\phi 4 \times 12 \text{ mm}$ )** from the top cover and the base cover using a Torx T20.

**4.2** Slide the top cover upwards without removing it. Then, slide the base cover downwards to remove it completely.

**Note:** Pay special attention to the cover tabs. Place the base cover in a clean and protected area.

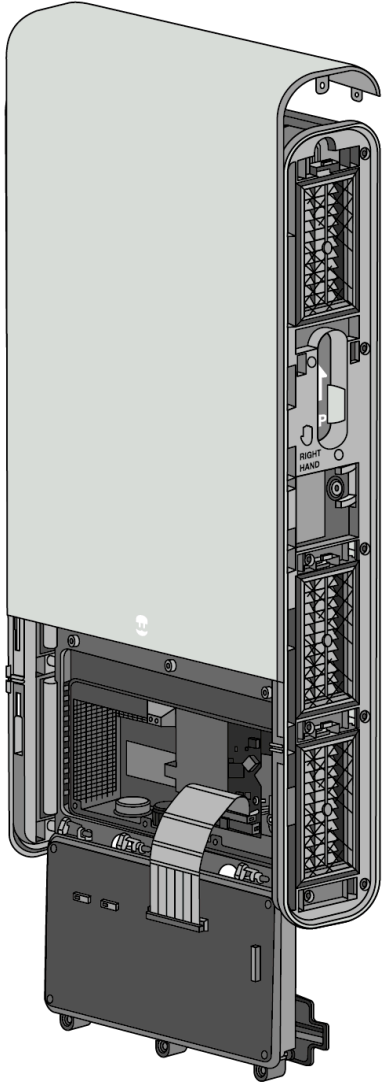
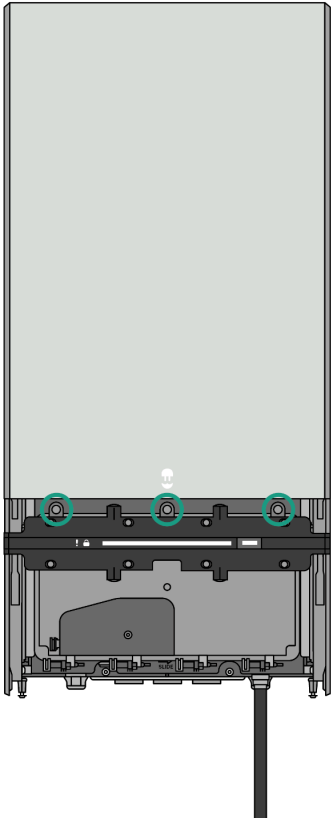


4.3

Remove the **three screws** (Torx Ø4 x 12mm) from the HMI module, then fold it down carefully until it hangs vertically.



**CAUTION:** Under any circumstances, do not disconnect the flat cables from any of the ends.



## 5. Electrical Wiring



**WARNING.** These servicing instructions are for use by qualified personnel only. To reduce the risk of electric shock, do not perform any service other than that specified in these instructions unless you are qualified.



**CAUTION.** To prevent electric shock, make sure the unit is securely de-energized before installation. Also, verify that the unit is properly grounded before activation.



**CAUTION.** The charger must be permanently grounded with an earth (ground) connection.



**WARNING.** Improper wiring of AC conductors may cause electric shock or harm to the equipment. Prior to activating the system, verify that all connections have been accurately established in alignment with the guidelines within this document and in compliance with national and local wiring methods and codes, and regulations of NFPA 70 (NEC).



**CAUTION.** To comply with local regulations, a minimum overvoltage category IV is required for the power supply's installation.



**CAUTION.** Always use standard copper cables with the corresponding AWG rating as indicated.

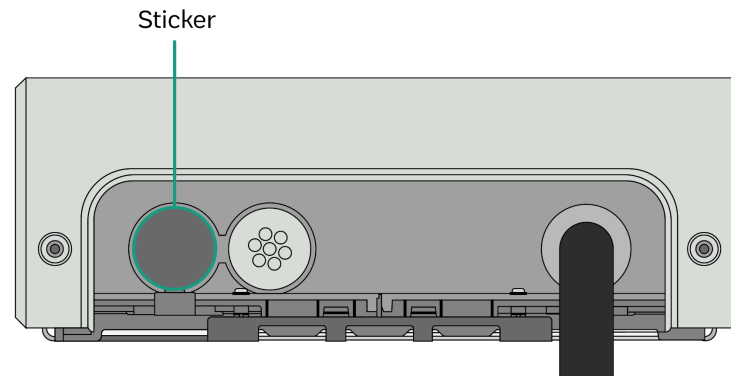


**CAUTION.** AC output (neutral) is not bonded to the ground.

**GROUNDING INSTRUCTIONS** – This unit is to be connected to a grounded, metal, permanent wiring system; or an equipment-grounding conductor is to be run with the circuit conductors and connected to equipment-grounding terminal or lead on the unit. Connections to the unit shall comply with all local codes and ordinances.

5.1

Remove the sticker on the AC input of the charger.



5.2

Assemble the **conduit fitting** together with

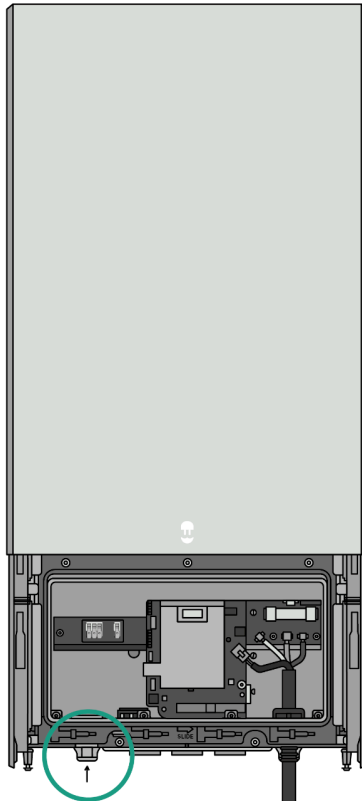
the conduit in the AC inlet.



**Note:** metal conduit size at the entrance 1 in



**CAUTION:** Raintight or wet location hubs that comply with the requirements in the Standard for Conduit, Tubing, and Cable Fittings, UL 514B, are to be used.



5.3

Insert the electrical wires through the conduit and connect them to their designated connector

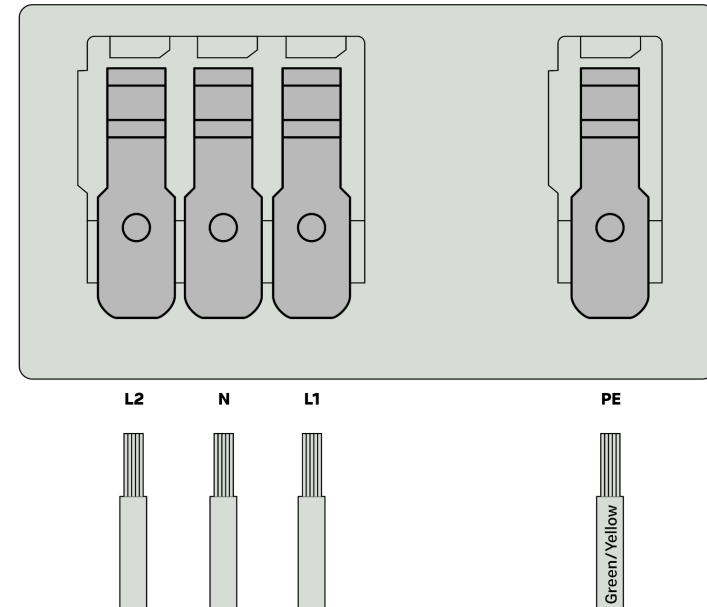
positions as indicated.

**Note:** For Installations that include the Quasar 2 + Power Recovery Unit, refer to the Power Recovery Unit Installation Guide in chapter 8 to complete all the steps.

**Electrical Configuration for Single Split Phase TN-C-S**



Use the indicated AWG copper wire only, cable temperature of 167 °F (75°C) and compliant with NFPA 70 wiring rules and class.

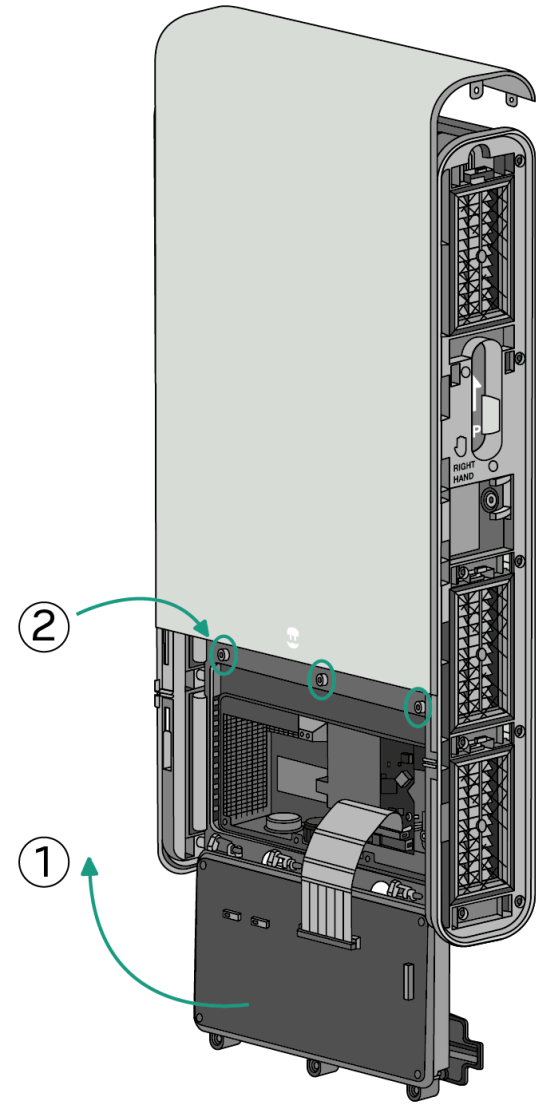




	Type	Wire Size (AWG)	Approx. Area	Approx. Diameter	Stripping Length
L1, L2	THWN	4	21.150 mm <sup>2</sup> - 0.0327 in <sup>2</sup>	5.218 mm - 0.204 in	0.6 in - 15 mm
N	THWN	4	21.150 mm <sup>2</sup> - 0.0327 in <sup>2</sup>	5.218 mm - 0.204 in	0.6 in - 15 mm
PE (GND)	THWN	8 (copper) / 6 (aluminum/copper-clad)	13.301 mm <sup>2</sup> - 0.0206 in <sup>2</sup>	4.115 mm - 0.162 in	0.6 in - 15 mm

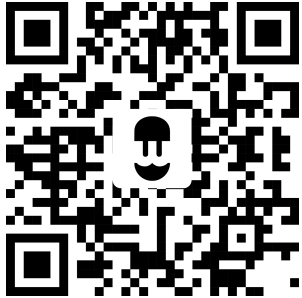
**5.4** Check there is no horizontal displacement of the door hinges, which shall be aligned. Then, carefully close the HMI module and screw the three screws.

**Note:** The screws should be tightened manually at approx. 11.5 lb-in / 1.3 N·m. Use a T20 Torx screwdriver.



## 6. Power Meter Installation

According to the scenario in which the charger is installed, follow the corresponding instructions.



**Quasar 2:** scan the QR code and follow the instructions to install the Power Meter.

**Quasar 2 with a Power Recovery Unit (simultaneously):** As the Power Recovery Unit has an integrated Power Meter, it is not required to install an external one.

**Power Recovery Unit after Quasar 2 (separately):** As the PRU already has an integrated Power Meter, remove the external Power Meter installed for Quasar 2.

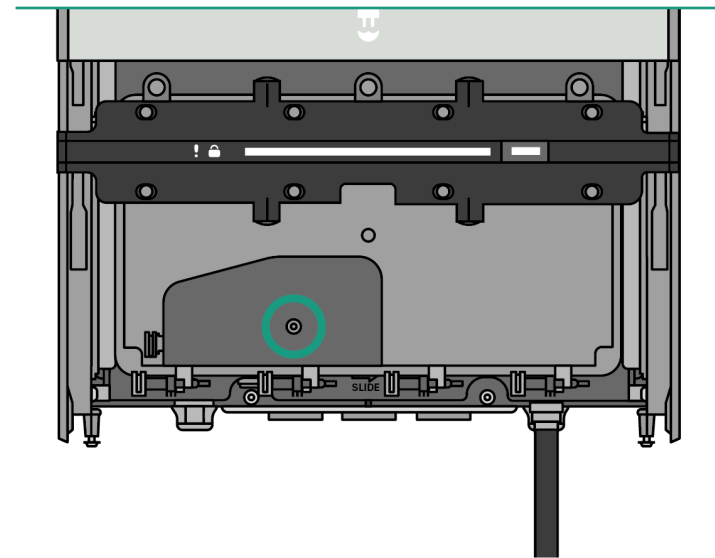
## 7. Ethernet Connection

*Refer to this chapter only if the Internet connection is installed through Ethernet.*

**Note:** The distance between the ethernet source and the Quasar 2 shall not exceed 24ft.

7.1

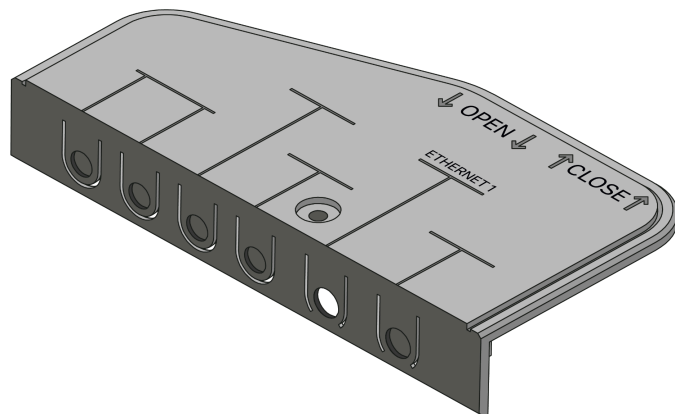
Remove the Torx screw  $\varnothing 3.5 \times 12$  mm from the communications lid. Then slide the cover lid downwards to remove it from the HMI module.



7.2

Make a hole in the corresponding elastomer lid entrance for the ethernet cable and insert the cable.

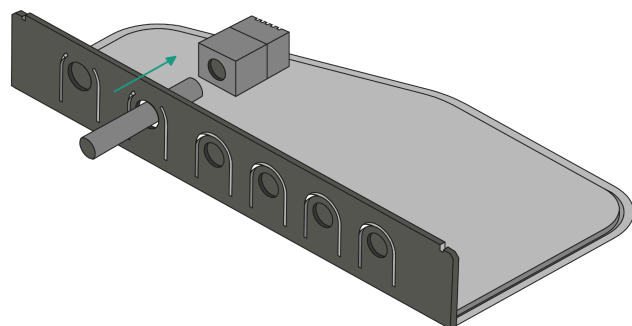
**Note:** The ethernet cable shall be CAT 6, rated for outdoor use.



**WARNING:** Inserting the cable with the RJ45 CAT6 connector already crimped through the lid will void the warranty.

7.3

Crimp the RJ45 connector to the cable ethernet cable end. Use the RJ45 connector included in the accessories bag.



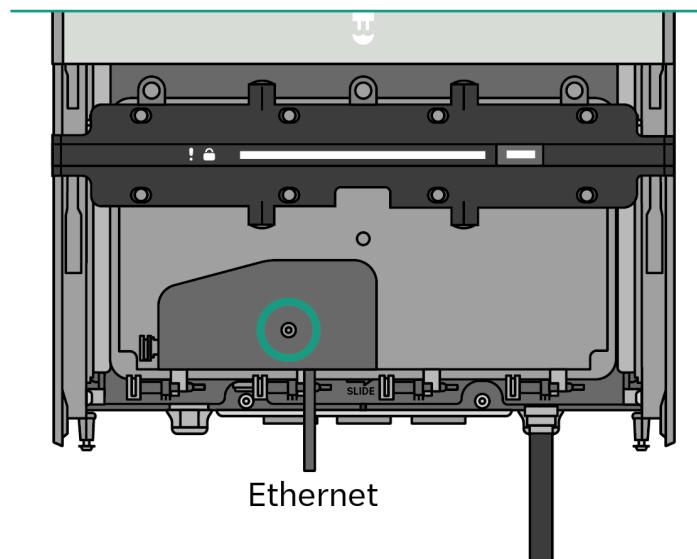
7.4

Connect the ethernet cable to the port indicated for Ethernet.

7.5

Place the lid back on the HMI module and slide it upwards and insert the  $\text{\O}3.5 \times 12 \text{ mm}$  screw to secure the lid.

**Note:** tighten to approx. 11.5 lb-in / 1.3 N·m.



## 8. Power Recovery Unit Installation

Refer to this chapter only in case the Power Recovery Unit is installed.



To install the Power Recovery Unit (PRU) scan the QR code and follow the instructions.

**Note:** An Internet connection is required to access the instructions.

## 9. Closing the charger

9.1

Slide back the top and base covers.

**Important:** Make sure that both covers fit correctly.

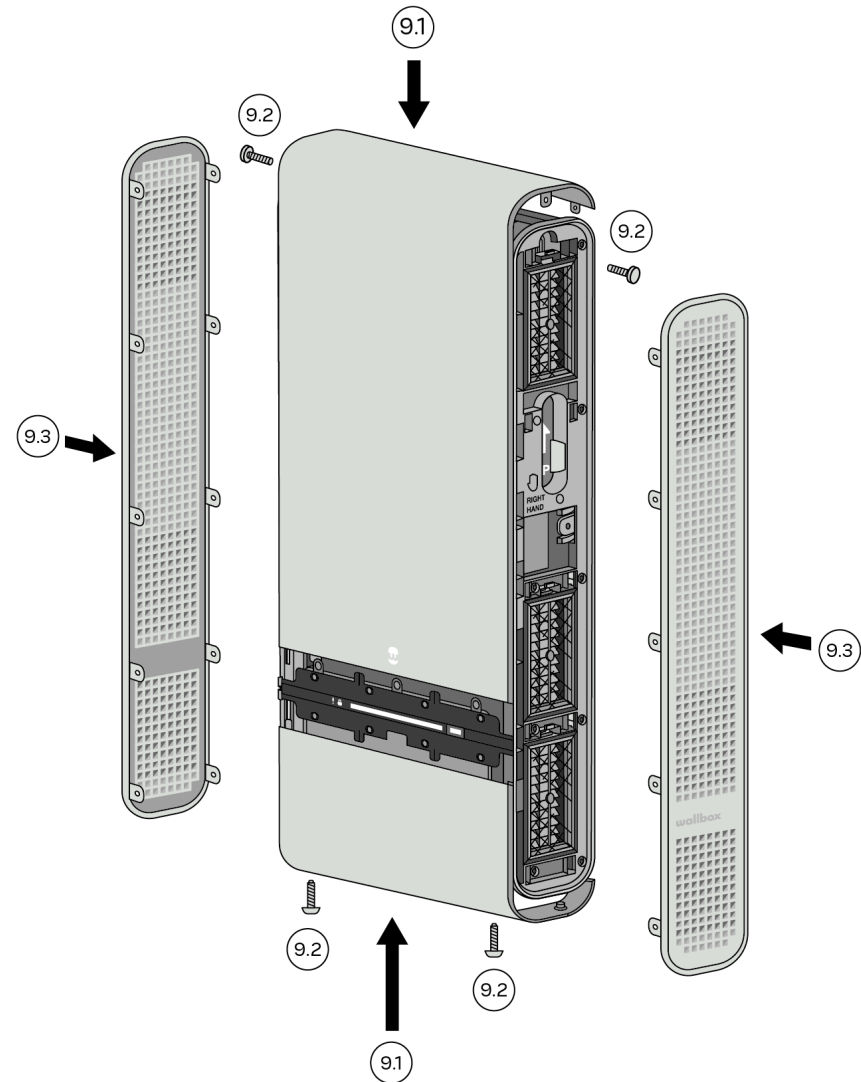
9.2

Fix the covers:

- **Top Cover:** Two **Torx Ø4 x 12mm** (one on each side, above). Torque: tighten to approx. 11.5 lb-in / 1.3 N·m.
- **Base Cover:** Two **Torx Ø4 x 12mm** (below on each side). Torque: tighten to approx. 11.5 lb-in / 1.3 N·m.

9.3

Clip in the air covers (x2 lateral covers). Ensure the Wallbox logo is positioned correctly.



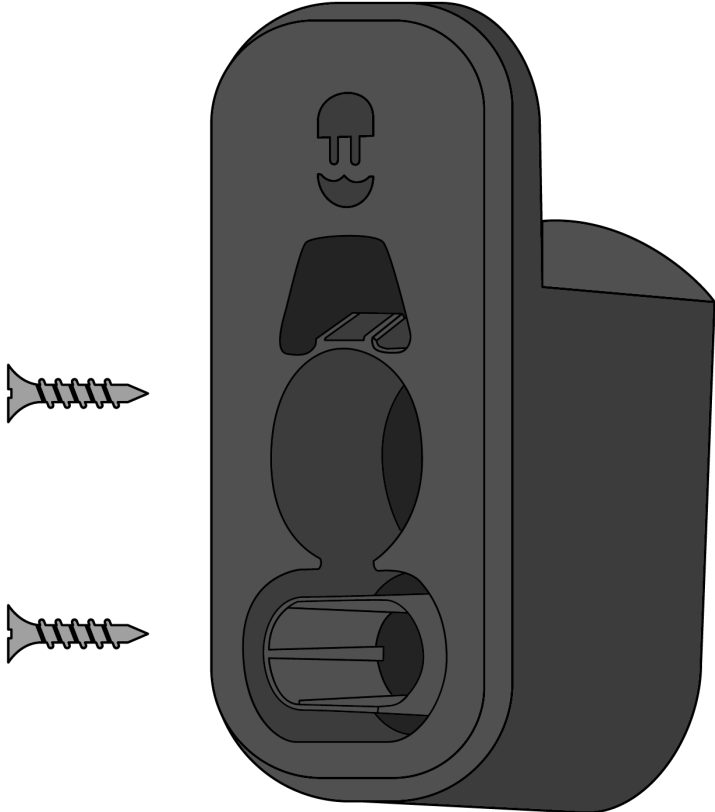
# Holster Installation

- 1. Place the CCS1 holster at the recommended distance from the charger and respect the recommended height in the **Location chapter**.
- 2. Mark the location of the fixing holes, then drill the wall in correspondence to them.



- 3. Insert the wall plugs into the fixing holes, then fix the holster by inserting and tightening the screws.

**Note:** Wall plugs are not required for wood walls.



# Charger Commissioning

Once the installation has been completed, the charger is ready to be powered up and configured. Switch on the power to the circuit from the circuit breaker, and the charger LED strip should light up.

If the LEDs are not lighting, power off the circuit at the circuit breaker and validate the installation and the charger wiring.

You must download the Wallbox app to a mobile device (smartphone or tablet) and register the charger following the directions below.



## Registering and connecting the charger



**Download the Wallbox app** to your smartphone or tablet, log in or follow the on-screen instructions to create an account. You will need to verify your account with a valid email address.

Once you have created your account, launch the app and follow the on-screen instructions to connect to and register your charger.

To connect your charger, you must enter the serial number (SN) and unique identification number (UID). This information may be found on your charger label.

**IMPORTANT:** Make sure before starting the commissioning process the charger is updated to the latest software version.

*If you have any difficulty connecting your charger to the Wallbox app, please refer to the "Help & Support" link on the app under your user profile. If you have trouble with the app, please go to [support.wallbox.com/na](https://support.wallbox.com/na).*



## Electrical Settings

### Important notes

- **Only qualified and authorized personnel can configure or modify the Electrical Settings.**
- Wrong configuration may produce damage and be subject to fines.
- To configure the Electrical Settings, it is essential to ensure that the charger is not charging or discharging.

### Configuration

1. Select your charger on the Wallbox app and tap on the gear icon at the top-right corner. This will take you to the Configuration menu.

**Note:** Bluetooth connection with the charger is required.

2. Within the Settings menu, locate and tap on "Installation Options." Then select the Electrical Settings option. This option is protected by a password; only Wallbox Certified Installers can edit these parameters.

**Note:** After three attempts, you must wait 3 minutes to try again. Contact Wallbox Customer Service for any issue.

3. Configure the Electrical Settings parameters according to the charger's electrical installation.
4. Save all changes.

## Grid Codes

### Important Notes

- Only qualified and authorised personnel can configure or modify the grid codes.
- Please review the relevant local regulations and your electricity supplier's specific requirements regarding the utilization of vehicle-to-grid and vehicle-to-home functionalities.
- Incorrect configurations can cause issues, interruptions, and harm to the equipment, the electrical system, and the distribution network.
- Wrong use may result in fines.
- Installation may not exceed 500kVA in aggregate capacity
- UL1741 SB & SA Ratings:
  - Operating parameters
  - Limits
  - Timing
  - Associated tolerances
  - Accuracy
  - Power versus Voltage - Q(V) characteristics
- Immunity testing standards and the test types and levels applied.
  - IEEE C62.41.2 Ring Wave Surge Category B (6kV / 0.5kA)
  - IEEE C62.41.2 Combination Wave Surge Category B (6kV / 3kA)
  - IEEE C37.90.2 RF Immunity
  - IEEE C37.90.1 Communication circuit
- IEEE 1547-2018:
  - Active power rating at unity power factor 12480 W
  - Active power rating at specified over-excited power factor 11207 W
  - Specified over-excited power factor 0.898
  - Active power rating at specified under-excited power factor 11207 W
  - Specified under-excited power factor 0.898
  - Apparent power maximum rating 12480 VA
  - Normal operating performance Category B
  - Abnormal operating performance Category III
  - Reactive power injected maximum rating 5491 VAR
  - Reactive power absorbed maximum rating 5491 VAR

- Active power charge maximum rating 12480 W
- Apparent power charge maximum rating 12480 VA
- AC voltage nominal rating 240 V
- AC voltage maximum rating 264 V
- AC voltage minimum rating 211.2 V
- Check the following page: <https://support.wallbox.com/knowledge-base/quasar-2-grid-codes-documentation/> to check the Grid Codes electrical rating.
- Field adjustable trip limits:

#### Shall trip – Category III

Shall trip function	Default settings		Ranges of allowable settings	
	Voltage (p.u of nominal /V RMS)	Clearing time (s)	Voltage (p.u of nominal /V RMS)	Clearing time (s)
OV2	1.20 / 288 V	0.16	fixed at 1.20	fixed at 0.16
OV1	1.10 / 264 V	13.0	1.10–1.20 / 264 – 288 V	1.0–13.0
UV1	0.88 / 211.2 V	21.0	0.0–0.88 / 0 – 211.2 V	2.0–50.0
UV2	0.50 / 120 V	2.0	0.0–0.50 / 0 – 120 V	0.16–21.0
Shall trip function	Frequency (Hz)	Clearing time (s)	Frequency (Hz)	Clearing time (s)
OF2	62.0	0.16	61.8–66.0	0.16–1000.0
OF1	61.2	300.0	61.0–66.0	180.0–1000.0
UF1	58.5	300.0	50.0–59.0	180.0–1000.0
UF2	56.5	0.16	50.0–57.0	0.16–1000.0

## Configuration



**WARNING:** Grid Code configuration can only be performed by qualified personnel.

1. Quasar 2 allows for secure, reliable, and compliant discharge operations by implementing the applicable grid codes based on the region where the charger is located.

Failure to correctly configure the grid codes will prevent the discharge functionality from activation. Only qualified and authorized personnel can configure or modify the grid codes.

To configure the Grid Codes, it is essential to ensure that the charger is not charging or discharging.

2. Select your charger on the Wallbox app and tap on the gear icon at the top-right corner. This will take you to the Settings menu.

**Note:** Bluetooth connection with the charger is required.

3. Within the Configuration menu, locate and tap on "Installation Options." Then select the Grid Codes option. This option is protected by a password; only Wallbox Certified Installers can edit these parameters.

**Note:** After three attempts, you must wait 3 minutes to try again. Contact Wallbox Customer Service for any issue.

**Note:** If no grid code applies to your area, you will not be able to activate the discharge feature for your charger.



**CAUTION:** Make sure the country selected in this section is correct, otherwise, update it accordingly.

4. Save all changes.

## Vehicle configuration

This Wallbox charger can be used with any electric vehicle compliant with DIN 70121 and ISO 15118-2/20.

If an electric vehicle that is not compliant with the bidirectional protocols is connected, the corresponding features will be disabled and the charger will behave as an AC charger only.

To enable bidirectional charging, the following configurations on the vehicle are required:

1. Enable the bidirectional charging mode on the vehicle app or EV head unit.
2. Set a Target, Minimum and Maximum State of charge (SoC) and Departure time on the vehicle app or EV head unit.

## Energy Management features configuration



Scan the QR Code and follow the Power Meter instructions to configure the energy management features.



# Service

Need more assistance?  
Contact Wallbox Customer Support

Service (888) 787-5780

Email: [service.na@wallbox.com](mailto:service.na@wallbox.com)  
www: <https://support.wallbox.com/na/contact-us/>

# Final Notes

## Legal Notice

All information in this manual is verified to be accurate at the time of its printing and is subject to change without prior notice. The manufacturer reserves the right to make applicable changes at any given time. Wallbox is focused on enhancing a continuous improvement of the user's content.

Check <https://support.wallbox.com/na> for the latest version.

Images in this manual are for illustration purposes only and might differ from the delivered product.

The integrated Energy metering is meant only for information. It's not allowed to be used to calculate the cost of energy nor payments for charging.

Information subject to copyright and other intellectual property rights.

## Safety and Maintenance Instructions



Do not use this product if the enclosure or the connector is broken, cracked, open, or shows any other indication of damage. Please contact Wallbox.

The installation and servicing of the Wallbox device must be performed only by qualified personnel in accordance with applicable local regulations. Unauthorized installation and modifications make the manufacturer warranty void.

Qualified personnel are defined as individuals possessing expertise and training about the construction and operation of electrical equipment and installations, coupled with formal safety training enabling them to identify and mitigate potential hazards.

**Maintenance instructions:** Follow the recommended periodicity of the maintenance for:

- Air filters cleaning: every 3 - 6 months
- Air filters replacement: 2 - 3 years
- Air filter reference: 000003866 - Overmoulded Filter

**Note:** For spare parts, contact Wallbox Customer Service at the telephone number or email address indicated in the Service section.

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Protect your Wallbox device from any external impact.

Do not use your Wallbox charger under adverse climatic conditions.

Do not open the charger in the rain.

Do not touch the charging cable if the connector emits smoke or begins to melt. If possible, stop the charging.

Do not open the charger while it is connected to the power supply.

Take appropriate precautions with electronic medical implants.

Disconnect the main service power to the charger before cleaning the unit. Do not use cleaning solvents to clean any part of the charger. Clean it with a clean, dry cloth to remove dust and dirt accumulation.

Use the Wallbox charger under the specified operating parameters and within normal ambient conditions as specified in the General and Electrical Specifications section.

The maximum installation altitude is 2000 meters above sea level.

The charger is not intended to be installed in a commercial garage (repair facility) or closer than 6.1 m (20 ft) of an outdoor motor fuel dispensing device.

Not intended for commercial garage (repair facility) outdoor installation.

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## Connector Recommendations

Do not use the product if the charging cable is frayed, has broken insulation, or shows any other signs of damage, or if the vehicle plug or electrical outlet is dirty, wet, or damaged.



Disconnect the vehicle connector and the equipment plug only after stopping the charging process.

Do not apply force to disconnect the vehicle connector. Doing so may cause serious injuries, or in some cases, it may even prove fatal.

Do not use the charging cable with a cable adaptor or an extension cable.

Under any circumstances, do not tighten the connecting cable while it is connected to the vehicle.

Keep the charging cable out of the reach of children and do not step on it.

## Electrical Precautions

The power supply line must be wired to an existing installation and be in accordance with National Electric Code (NEC), local codes and the ANSI/NFPA70 for all electrical installations.



Local regulations may require an emergency switch to be installed externally.

Verify that the charger is not in error mode before it's operated by an end-user. See error mode description in the user manual.

In Safety error mode, the charger is in "safe state" preventing operation. This mode will be triggered by any of the following situations:

- IM error (leakage to Earth/Ground detected) at the vehicle side.
- GM error (loss of ground detected) at the vehicle side.
- HFTRF over-temperature error inside the charger.
- Device configuration error.

## Limited Warranty

- Wallbox warrants this product against defects in materials and workmanship for three years from the date of purchase.
- During this period, Wallbox will, at its discretion, either repair or replace any defective product at no charge to the owner.
- Replacement products or repaired parts will be guaranteed for only the unexpired portion of the original warranty or six months, whichever is greater
- The limited warranty does not cover defects resulting from accidents, misuse, improper maintenance, or normal wear and tear.
- Substitution or incorporation of any part by the client will be considered incorrect usage.
- Except to the extent permitted by applicable law, the terms of this limited warranty do not exclude, restrict, or modify and are in addition to the mandatory statutory rights applicable to the sale of the product to you. If you believe your product is defective, contact Wallbox for instructions on where to send or bring it for repair.

## Disposal Advice

The product should not be disposed of as urban waste at the end of its useful life.

It should be taken to a collection centre or a distributor that provides disposal of special and differentiated waste.



## UL Certification

Quasar 2 has been tested to applicable standards.  
E-file E530818.



## FCC Note



This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna of the affected radio or television.
- Increase the separation between the charger and any affected devices.
- Connect the charger to an outlet on a circuit different from the one to which any affected devices are connected.
- Consult the dealer or an experienced radio/TV technician for help.