

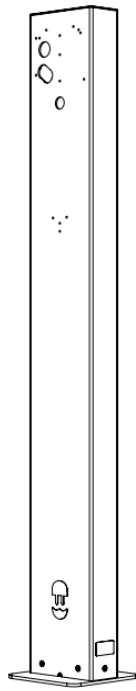
## wallbox EIFFEL BASIC Pedestal Eiffel simple or double screw Installation Guide

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## General Specifications

### EIFFEL BASIC



- **A. Model:** Eiffel Basic
- **B. Weight:** 12 Kg – 26,5lb
- **C. Overall dimensions:** 1400 x 200 x 202mm // 55 x 7,9 x 7,95in
- **D. Storage Temperature:** -40° C to 70° C // -40° F to 158° F
- **E. Protection Rating:** IK 10
- **F. Material**
  - **Body:** Aluminum
  - **Base:** Stainless steel
  - **Paint:** RAL 7043

## General Specifications

### EIFFEL BASIC FOR COPPER SB



- **A – Model:** Eiffel Basic for Copper SB
- **B – Weight:** 10,5 Kg – 23,1lb
- **C – Overall dimensions:** 1158 x 200 x 200mm // 45,6 x 7,9 x 7,9in
- **D – Storage Temperature:** -40º C to 70º C // -40º F to 158º F
- **E – Protection Rating:** IK 10
- **F – Material:**
  - **Body:** Aluminum
  - **Base:** Stainless steel
  - **Paint:** RAL 7043

## Important Notes

- A. Use only water resistant wiring for the installation.
- B. The electrical wiring must comply with the local regulations and the National Electric Code NFPA 70.
- C. Only the combination of the pedestal with Pulsar Plus is UL certified
- D. To protect the power supply cable from the sharp edges of the screw tip it is necessary to protect it with a plastic conduit.

## Installation Instructions

- A. Ensure that the mounting surface can adequately support the weight of the pedestal and withstand mechanical forces associated with charger usage.
- B. Appropriate anti-collision protection must be provided by the customer when mounting the Eiffel Basic pedestal in parking spaces.
- C. The calculation, design and manufacture of the concrete foundation lies in the scope of responsibility of the producer of the site.
- D. A horizontal, level, and sound foundation is required for installation
- E. The base must permit the adequate run-off for accumulated water

- F. Do not mount the pedestal on asphalt. The stability of the pedestal on asphalt is not guaranteed.
- G. Wall box recommends mounting the Eiffel Basic pedestal on a concrete foundation. Install the pedestal in a sufficiently ventilated area. Wall box recommends not installing it in direct sunlight. To guarantee a better charging performance.
- H. Installation Instructions Do not install your Wallbox pedestal near:
  - Flammable, explosive, or combustible materials.
  - Chemicals or Solvents.
  - Gas pipes or steam outlets.
  - Heat emitters such as radiators or batteries.
  - Areas prone to flooding, high humidity and running water.

## Overview

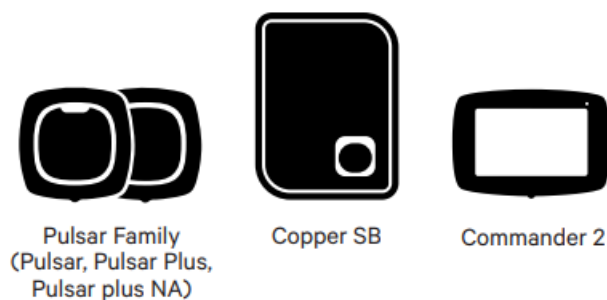
1. The Mono pedestal is designed for the installation of one charger.



2. The Dual pedestal is designed for the installation of two chargers.

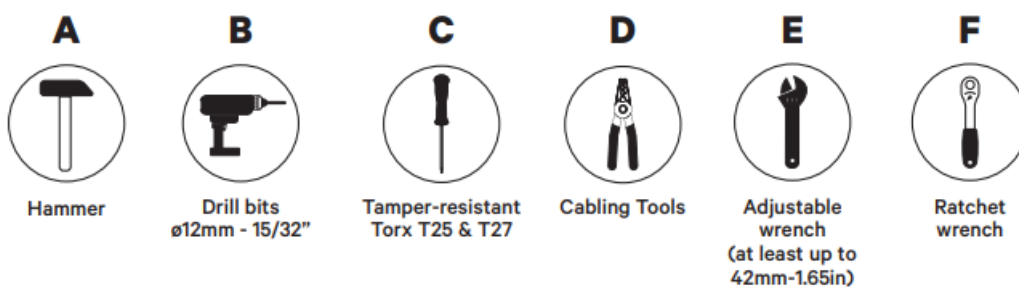


3. The Wall box chargers compatible with Eiffel Basic Pedestal are:

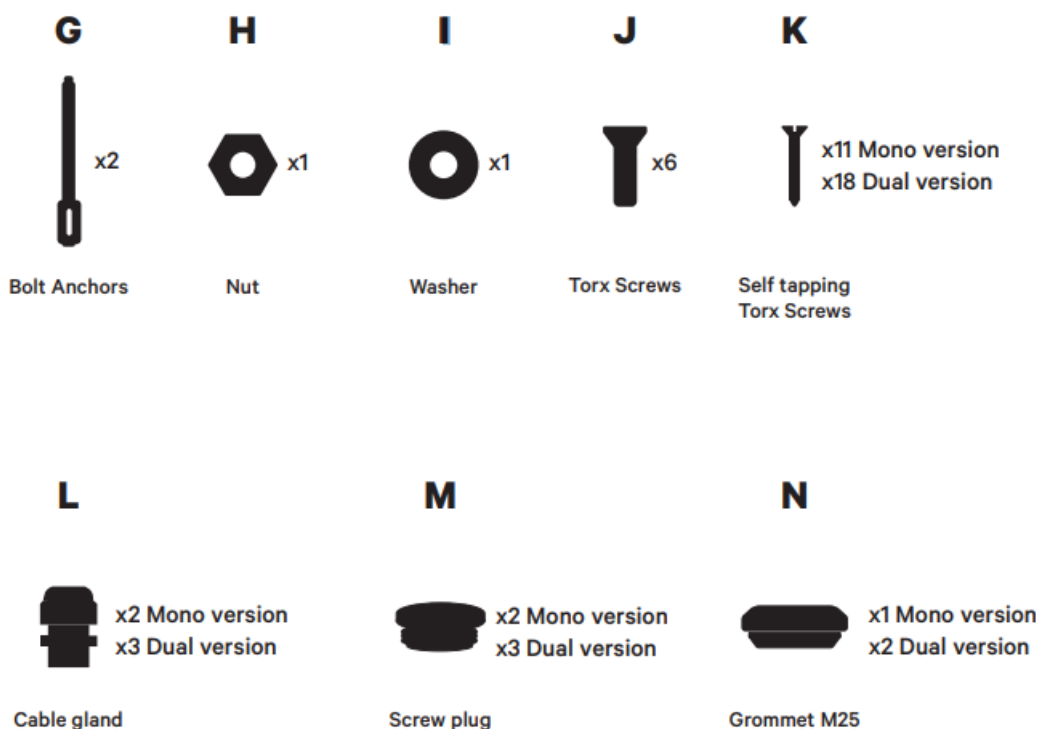


## Tools and Mounting Parts

### Required Tools

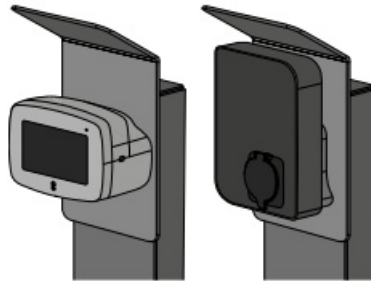
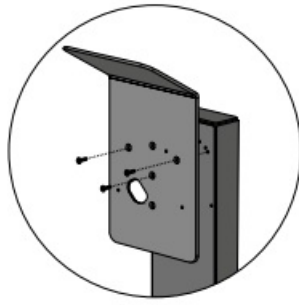


### Included Mounting Parts



### Notes

1. To install the Commander 2 an extra mounting plate is required to be purchased separately.
2. This plate is sold as a separate accessory.
3. This plate can also be used as a rain cover for Pulsar family and Copper SB chargers.
4. It is possible to carry out two types of installations depending on whether the power supply cable is available underground or is at ground level.
5. It is important to have a clear understanding from the beginning whether the charger will need some kind of communications and how is the connectivity availability at the place where the pedestal will be located. Refer to the Chargers Communications section for more details.

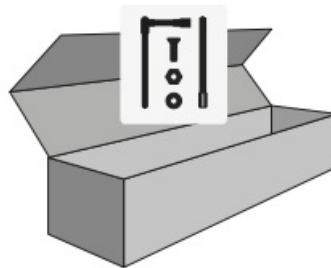
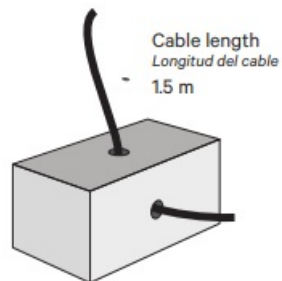
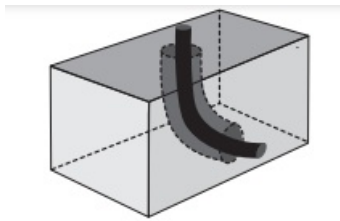


## Installation with underground power supply cable

### Mounting base

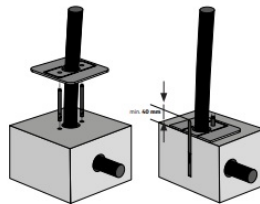
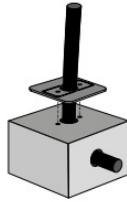
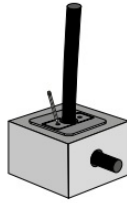
- A. Create a concrete foundation with an empty conduit and lay all the cables in the center of the foundation. Dimensions of the foundation should be defined by the installer, taking as a minimum, the area of the mounting floor plate.
- B. Ensure the cables have appropriate excess length (1,5 m – 4'11") for the remaining installation
- C. Open the packaging and obtain the mounting parts needed for the installation.

**IMPORTANT:** Before proceeding with the installation, remove the top cover and save the screws for later use.

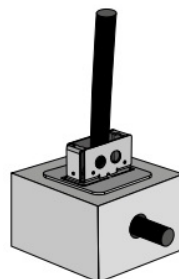
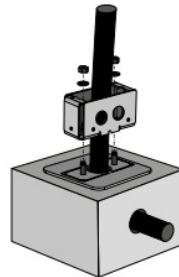


## Drilling

- A. Pass the supply power cable through the center hole of the mounting floor plate and place it on the top of the foundation. Mark the positions of the two boreholes on the concrete foundation.
- B. Remove the mounting floor plate and drill the two holes.
- C. Place again the mounting floor plate on the foundation and align its two holes with the drilled holes.
- D. Remove the nuts and washers from the anchor bolts and insert in the drilled holes. Make sure that they are leveled and at least 40 mm /1,6" above the top of the foundation



- E. Place the mounting base over the mounting floor plate, aligning the two anchors with its two holes and also passing the power supply cable.
- F. Place the washers and the nuts over the anchor screws and tighten the screws up to 34 N.m / 25 lbf.ft for masonry and 54 N.m / 40 lbf.ft for concrete.
- G. Connect a cable to the ground bolt of the mounting base (long enough to reach the charger in the top of the pedestal) adjust with the washer and the nut.  
(Repeat this step in case you're installing dual version).



## Mounting

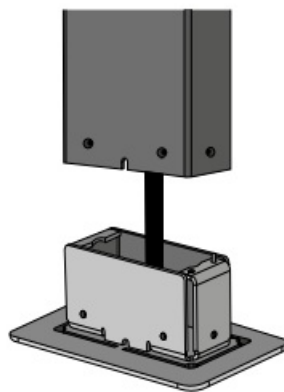
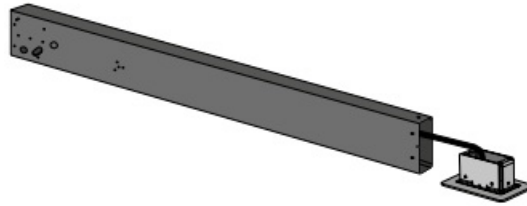
- A. Remove the pedestal from the packaging. Pass the power supply cable across the whole pedestal and take it out through one of



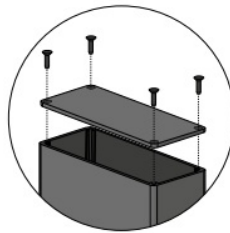
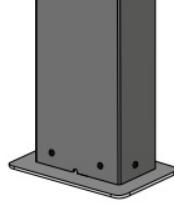
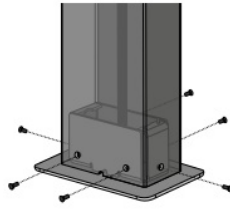
the upper holes of the column, depending on which Wall box charger is going to be placed. Take in account that it is also necessary to take the grounding cable to the top of the pedestal.

(Repeat this step in case you're installing dual version)

- B. Place the pedestal carefully over the mounting floor plate and cover the mounting base, aligning all the pedestal fixation holes with the mounting base ones.



- C. Place the six fixation screws and the tighten them up to 5 N.m / 3,7 lbf.ft
- D. Install the charger according to instructions in its installation manual. In case you are going to install a Commander 2 Charger, you need to purchase an extra mounting plate. You need to fix it to the pedestal before placing the Commander 2 charger. (Refer to the Rain cover Mounting section for more details).  
(Repeat this step in case you're installing dual version)
- E. Place the cap on the top of the pedestal and fix it with the 4 screws.

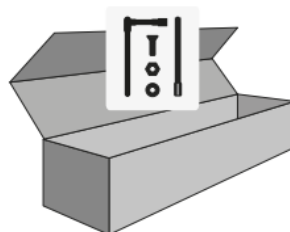
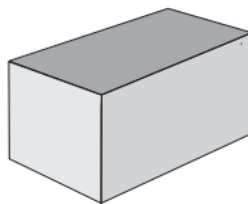


## Installation with ground level power supply cable

### Mounting base

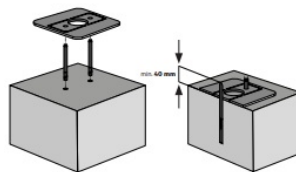
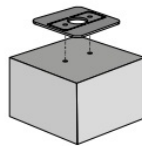
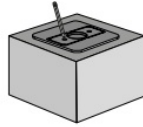
- A. Create a concrete foundation, dimensions should be defined by the installer, taking as a minimum, the area of the mounting floor plate.
- B. Open the packaging and obtain the mounting parts needed for the installation.

**IMPORTANT:** Before proceeding with the installation, remove the top cover and save the screws for later use.

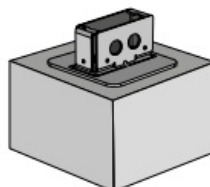
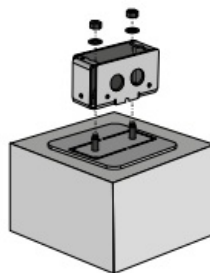


### Drilling

- A. Place the mounting floor plate on the center location of the foundation and mark the positions of the two boreholes on the concrete foundation.
- B. Remove the mounting floor plate and drill the two holes.
- C. Place again the mounting floor plate on the foundation and align its two holes with the drilled holes.
- D. Remove the nuts and washers from the anchor bolts and insert in the drilled holes. Make sure that they are leveled and at least 40 mm / 1,6" above the top of the foundation.



- E. Place the mounting base over the mounting floor plate, aligning the two anchors with its two holes.
- F. Place the washers and the nuts over the anchor screws and tighten the screws up to 34 N.m / 25 lbf.ft for masonry and 54 N.m / 40 lbf.ft for concrete.
- G. Connect a cable to the ground bolt of the mounting base (long enough to reach the charger in the top of the pedestal) adjust with the washer and the nut.  
(Repeat this step in case you are installing dual version)



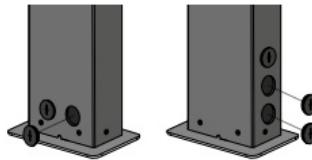
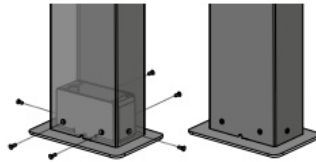
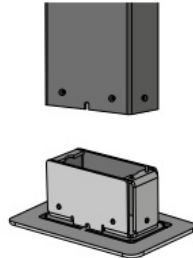
## Mounting

- A. Remove the pedestal from the packaging. Place the pedestal vertically over the mounting floor plate drilled on the mounting base and align all the pedestal fixation holes with the holes on the mounting base.

**IMPORTANT:** Check the wiring section on pg. 46

- B. Place the six fixation screws and the tighten them up to 5 N.m / 3,7 lbf.ft
- C. Remove the screw plug.

(Repeat this step in case you are installing dual version)

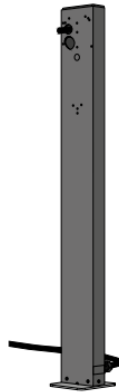
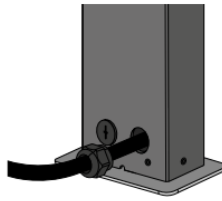


- D. Pick the cable gland and pass the power supply cable through it. Then introduce the cable through the hole where the screw plug was placed.

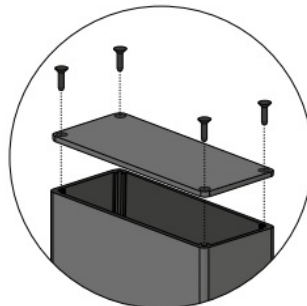
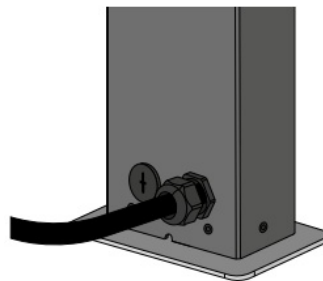
(Repeat this step in case you're installing dual version)

- E. Guide the power supply cable across the whole pedestal and take it out through one of the upper holes of the column, depending on which Wall box charger is going to be placed, helped by a guiding wire. Ensure that you pass the needed length of wire to plug the charger and also take in account that you need to take the grounding cable to the top of the pedestal.

(Repeat this step in case you're installing dual version)



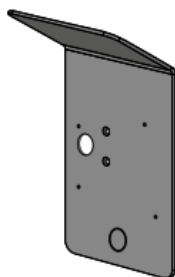
- F. Install the charger according to instructions in its installation manual. In case you are going to install a Commander 2 Charger, you need to purchase an extra mounting plate. You need to fix it to the pedestal before placing the Commander 2 charger.  
(Refer to the 4.1 Rain Cover Mounting section for more details).  
(Repeat this step in case you're installing dual version)
- G. Put the cable gland at the hole and tighten it up.  
(Repeat this step in case you're installing dual version)
- H. Place the cap on the top of the pedestal and fix it with the 4 screws.



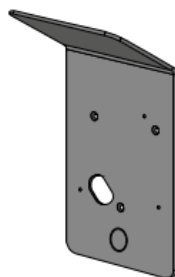
## Accessories

- Eiffel Basic can be installed with a rain cover to protect your charger(s). The rain cover can be purchased as a separate accessory. Each charger compatible with Eiffel Basic has a specific rain cover.
- Remember that for installing a Commander 2 charger on Eiffel Basic, it is mandatory to use the rain cover.

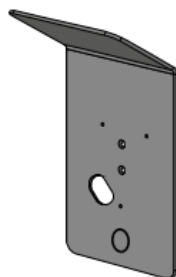
**Raincover Copper SB**



**Raincover Commander 2**

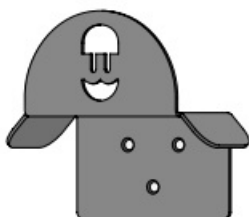


**Raincover Pulsar family**

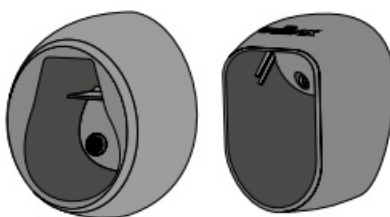


- Moreover, it is possible to add to the Eiffel Basic some of the “holder” accessories available in Wall box.

**Cable Holder**



**Socket T1 & T2**



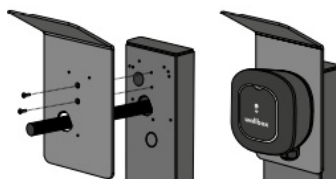
**Berlin Holster T1**



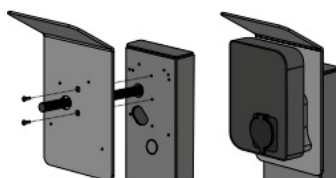
## Raincover mounting

- A. Pass the cables through the hole for cables in the rain cover.
- B. Fix the rain cover, using the self tapping screws that are included inside the packaging. Ensure that the screws are tapped to the right holes.
- C. Once the rain cover is fixed to the pedestal, you can install the charger following the instructions in its Installation Guide.

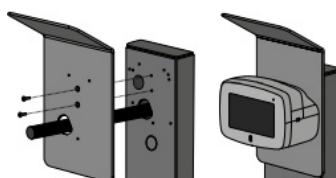
**Pulsar family**



**Copper SB**



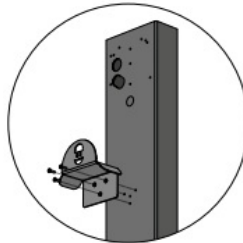
**Commander 2**



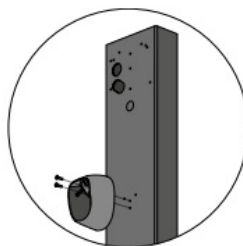
## Plug&Holder mounting

- A. Place the holder in its position and be sure that you take the amount of screws needed to fix it to the pedestal, this could vary depending of which Holder you have.
- Fix the holder, using the self tapping screws that are included inside the packaging. Ensure that the screws are tapped to the right holes.

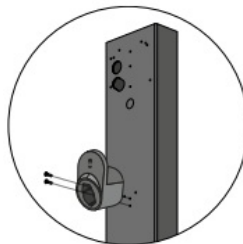
Cable Holder



Socket T1 & T2



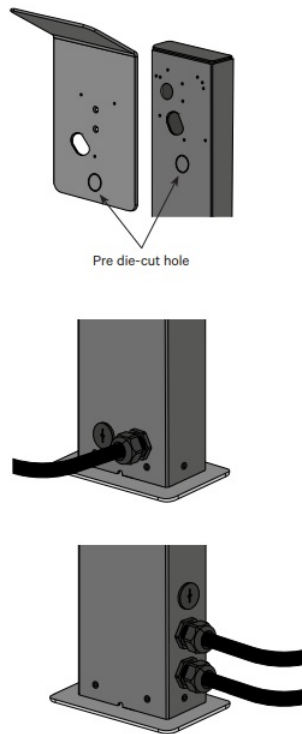
Berlin Holster T1



## Charger communications

To enable the EMS (Energy Management Solutions) offered by Wall box, take into account the following points:

- A. Depending on the type of communications available where the Eiffel Basic is located (Wi-Fi, ethernet connections, 4G), it can be necessary to connect the chargers to the network or to other chargers via ethernet cables. For this purpose, a pre die-cut hole in every can be knocked out. In case you are using a rain cover, you will also find a pre die-cut hole in it.
- B. In order to protect the communications cables it is necessary to use the grommet included in the package.
- C. These communication cables, like the power supply cable, could reach the pedestal via underground or aerial route. Depending on the connection type, you can use the inlets available in the bottom of the pedestal.



## WEBSITE

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

## Documents / Resources

	<p><a href="#">wallbox EIFFEL BASIC Pedestal Eiffel simple or double screw</a> [pdf] Installation Guide  EIFFEL BASIC Pedestal Eiffel simple or double screw, Pedestal Eiffel simple or double screw, si  mple or double screw, double screw</p>
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## References

- [🏠 Home - Wallbox Academy](#)