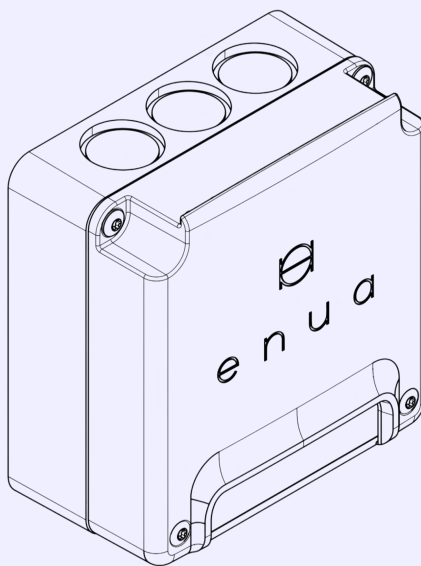




ENUA WALLMOUNT

Installation manual



THIS PRODUCT CAN ONLY BE INSTALLED BY A
REGISTERED INSTALLATION COMPANY

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Enua Wallmount – Ready for the future

The Enua Wallmount combines industrial reliability with smart installation design. Featuring secure terminal blocks, multiple cable entry points, and daisy-chaining support, it ensures clean, safe, and scalable installations—whether you're setting up a single unit or a full charging infrastructure.

Built for both private and commercial use, the Enua Wallmount offers flexibility without compromise, making it one of the most installer-friendly and future-ready solutions on the market.

Invest in performance. Install one —or many—Enua Wallmounts today.

Safety instructions

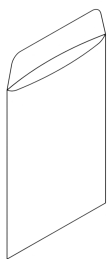


Please read the installation manual carefully before installing and using the product.

Pay attention to the following:

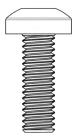
- Only qualified personnel should be responsible for the installation, maintenance, and repair of the equipment.
- It is important to follow all local, regional, and national rules and regulations for low-voltage installations in the area where the product is being installed.
- The product should be placed on a stable surface; ensure that the mounting surface has sufficient load-bearing capacity, and that the product is installed vertically.
- Do not install the product in areas unsuitable for electrical installations.
- Avoid installing in areas with risk of high temperatures, such as direct sunlight.
- In case of damage or failure of the product, it should not be installed or used.
- All repairs on the product shall only be performed by Enea or personnel and/or companies approved and instructed by Enea.
- Failure to follow the safety and installation instructions provided in this manual will void the warranty. Enea AS and our partners accept no liability for errors or damages resulting from this.

Included materials



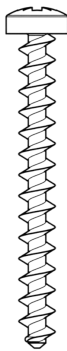
1x

Accessory bag



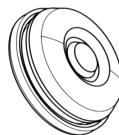
4x

M4x12



4x

4x40



2x

**Enea
Cable grommet**

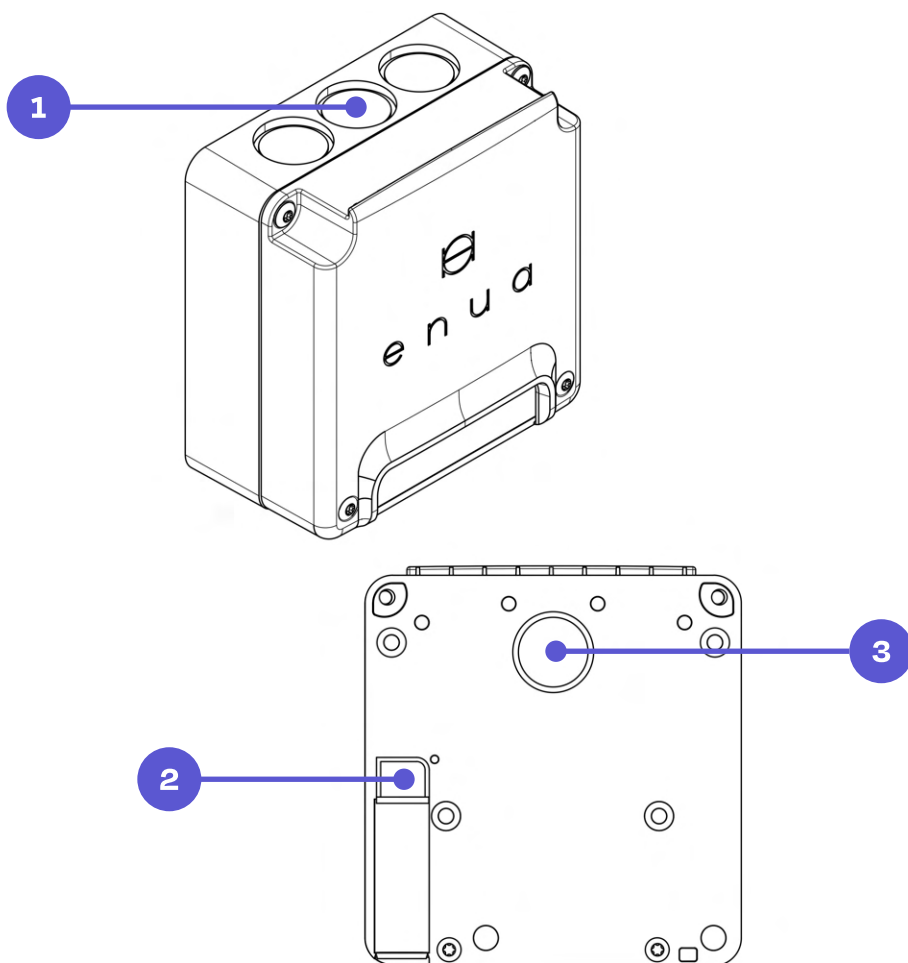
Tools needed for installation

- Torx screwdriver or bits with T20 head, minimum 60mm length
- Wire stripping tool
- Smartphone, connected to the internet and with the Enea Installer app installed with a registered Enea account.

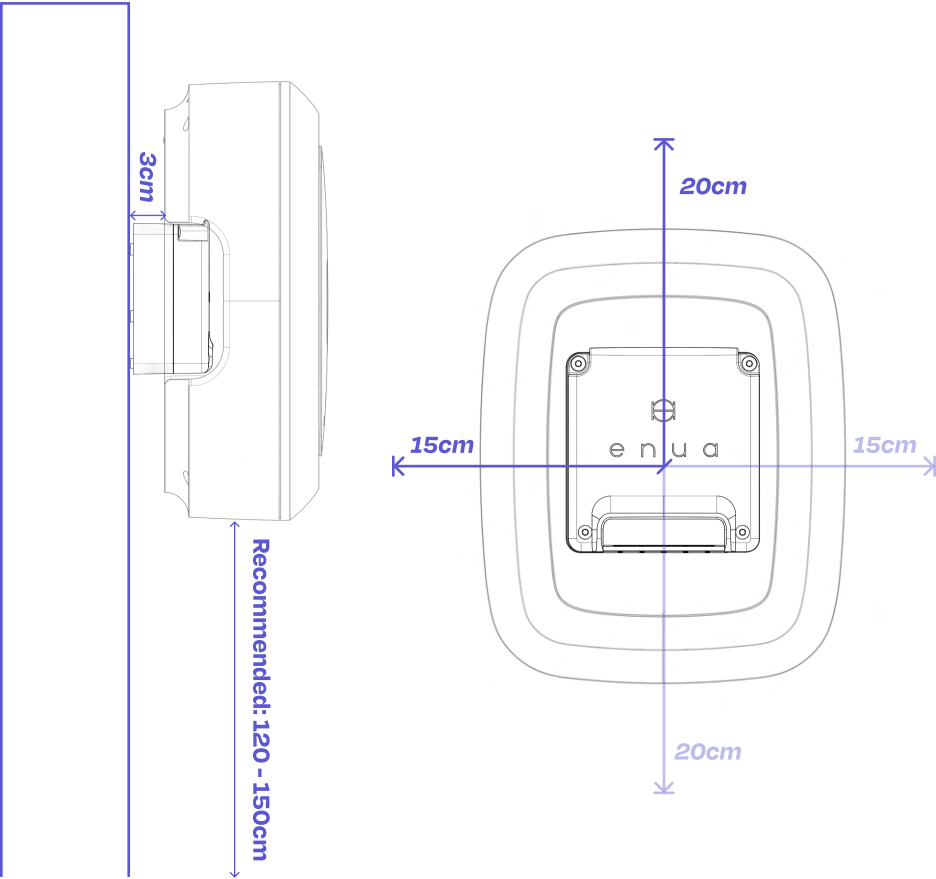
Preparing for installation

Plan where the cabling will be routed; there are three cable entries from the top(1), one at the bottom(2), and one from the back(3).

Install the Wallmount appropriately in relation to the intended cabling.



We recommend a mounting height of 120–150 cm from ground level and 80–120 cm for installations that have special requirements for accessibility.



Make sure there is enough space around the Wallmount to ensure an easy installation of the Enea Charge/Charge E.



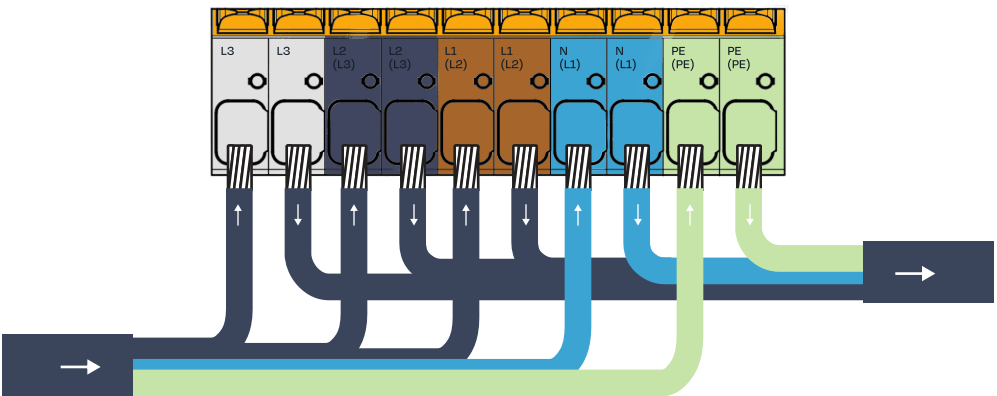
National laws and regulations should always be followed and may specify a different installation height.

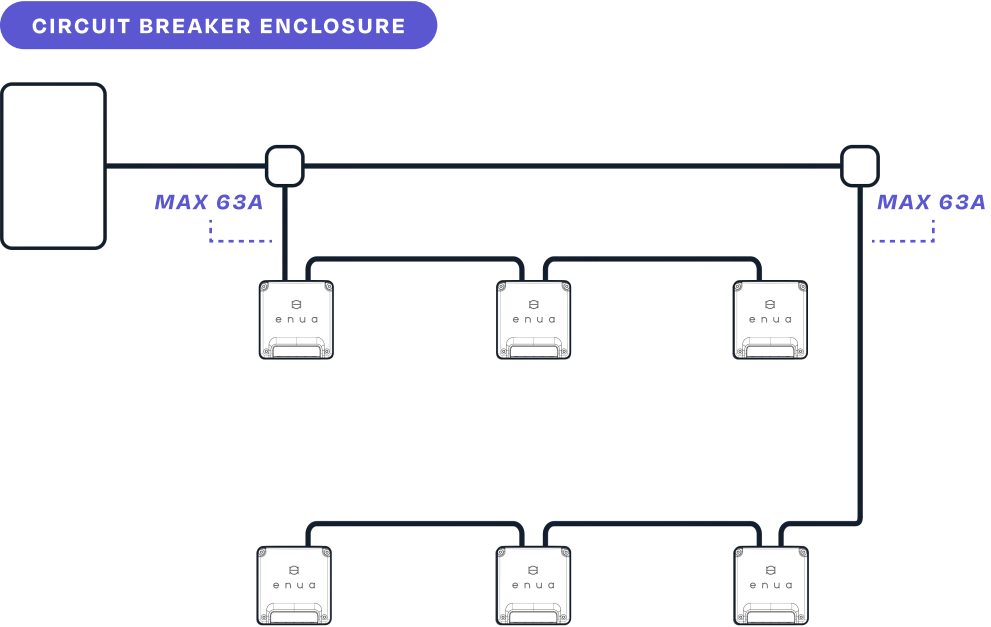
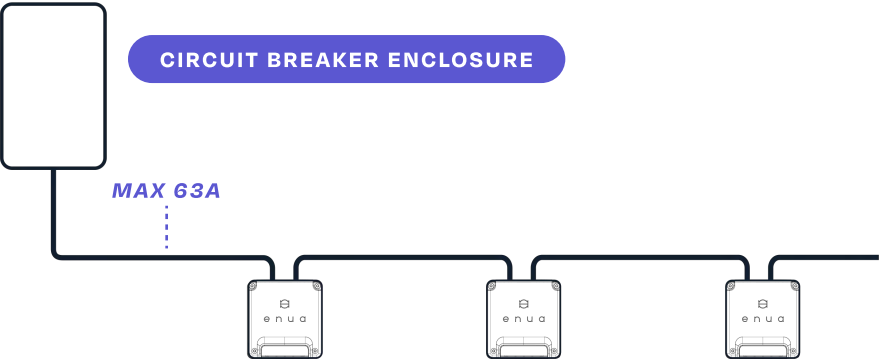
Supply of electricity

- The Enua Wallmount is designed for easy daisy-chaining. You can choose to install the products in several different ways. See the illustrations on the next page for some examples of installing multiple Wallmounts.
- It is important that all local and national laws and regulations are followed. If you have questions about correct installation, contact the retailer where you purchased the product.



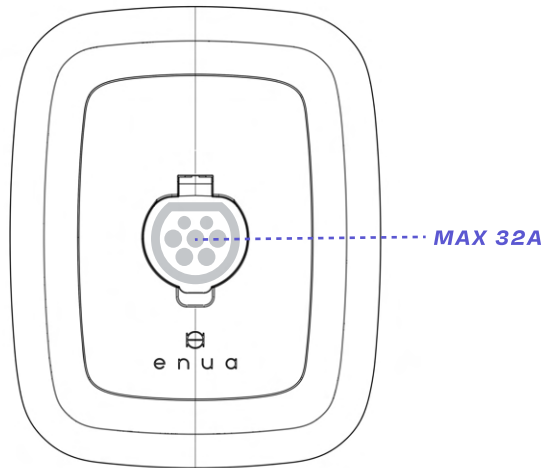
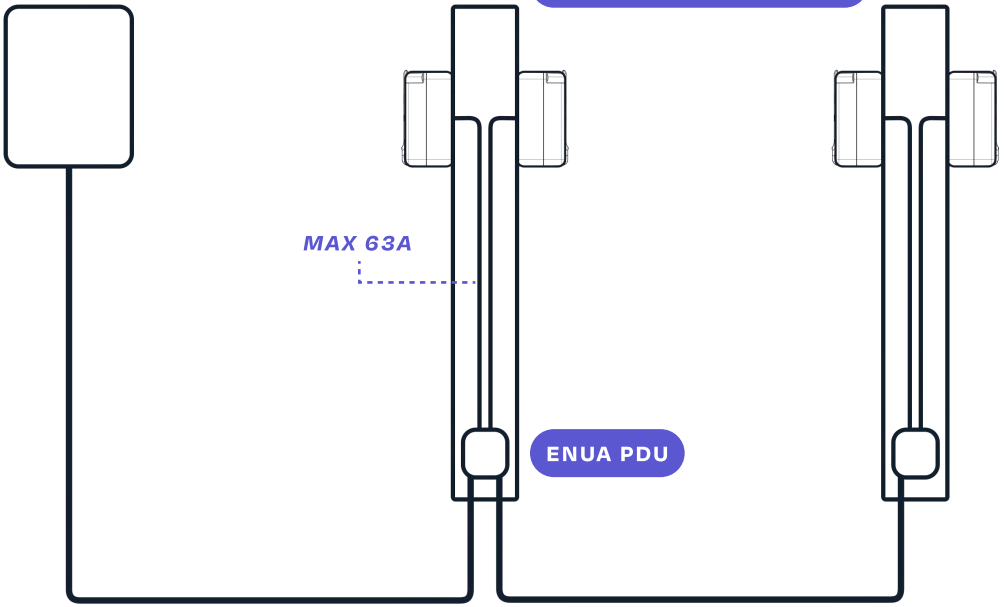
The maximum current draw through one Wallmount is 63A. When daisy-chaining, it's important not to exceed this limit. By using parallel connection, you can allow higher amps on the circuit, see illustrations below.





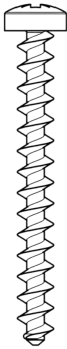
CIRCUIT BREAKER ENCLOSURE

CHARGING PEDESTALS

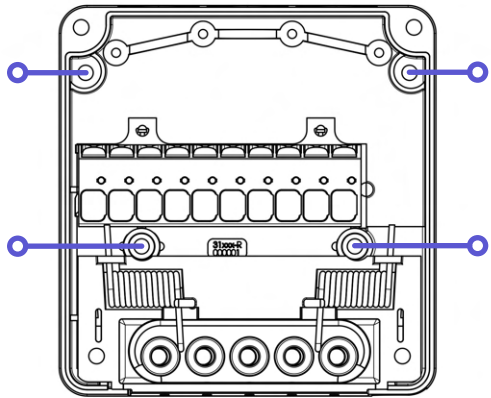


Installing the Wallmount

1. Unbox the Wallmount.
2. Remove the front cover and take out the accessory bag located inside.
3. If needed, remove the blind plug(s) for cable entries before installation.
4. Use the included mounting screws if the product is being mounted on a wooden surface.



4x
4x40



1x
Enea Wallmount



For installations on different surfaces, ensure the use of suitable mounting hardware and methods appropriate for the material to guarantee secure and compliant installation.

5. If drilling is necessary, a copy of the hole pattern can be found on the last page of this manual. You can print that page in 1:1 and use it as a guide.
6. Use a spirit level or other levelling tools to ensure correct installation.

Connecting cables inside the Wallmount

All phases should be mounted in the same order as from the circuit breaker. There is no need to rotate phases manually.

You can use single-stranded or multi-stranded cables, and there is no requirement for the use of ferrules.



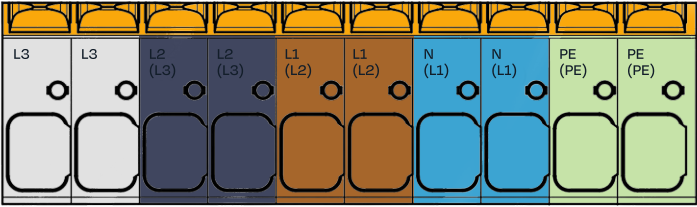
Only Enea cable grommet is approved for use on the Wallmount. Warranty may be voided if using other cable grommets.



Always make sure that the cable grommet is fully mounted and sealing properly. Minimum 12mm up to maximum 20mm diameter on cables when using a cable grommet.



**When using Enea cable grommet*



L3

L2

L1

N

PE



3-PHASE TN



1-PHASE TN

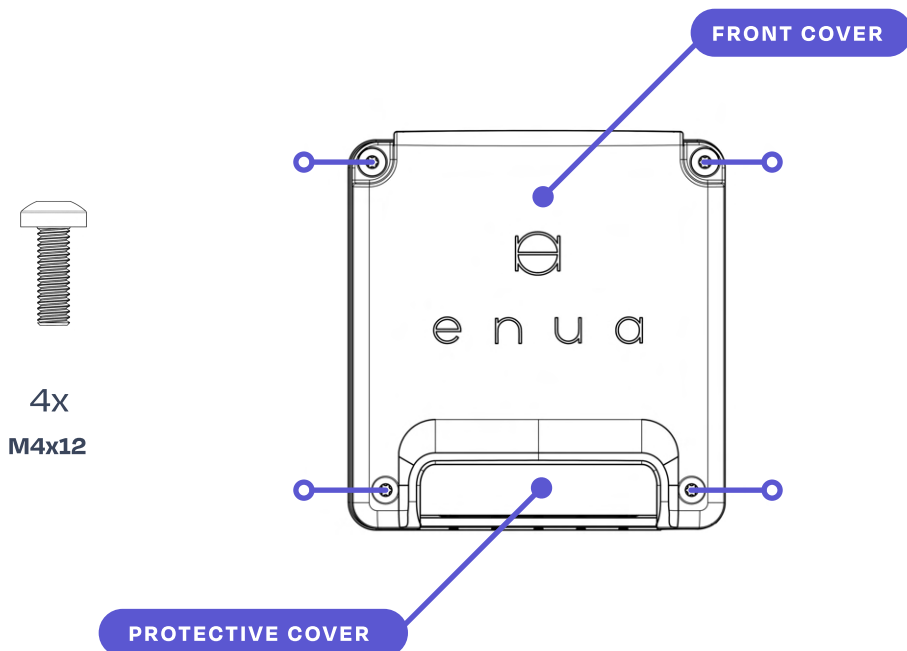


3-PHASE IT/TT



1-PHASE IT/TT

Finish assembly by fitting the front cover and the 4 screws supplied with the correct torque (3Nm).



The protective cover is mandatory to install. If this is not fitted, the product's degree of protection is not maintained and damage to the products or people may occur.

Configuration

After one or more Enea Wallmounts have been installed, they must be programmed. This is done easily in the Enea Installer app by following the steps presented in the app. Below is a simple explanation of the different steps:

1. Main circuit breaker

This is the main circuit breaker for the distribution board.

2. Charging circuit

This is the maximum load on the circuit that goes out to the Wallmount that you have installed. You can add more charging circuits later, start with the first circuit if you have installed several circuits.

3. Customer's address

Enter the customer's street address, postcode and postal address.

4. Charge Point Operator (Optional input)

If the system is installed with a known charging operator, this is selected now, please see «Charge Point Operator» for more information.

5. Customer's email (Optional input)

If there is no charging operator, you can now enter the customer's email. We recommend doublechecking that the email entered is correctly before moving on.

6. Configure Wifi (Optional input)

If there is an available Wifi network, we recommend to enter the Network name and password now. Make sure there are no spelling errors when adding the name and password. If no network is available, it can be skipped. In basements and areas with low reception, the

charging station need WiFi to be able to connect.

7. Load Balancing Unit (Optional input)

If you have installed or plan to install a compatible energy meter on this facility you can select this now. In the dropdown menu you can choose the correct energy meter, the configuration and setup will be performed with its on instructions in a later step.

8. Scan Wallmount

Scan the Wallmount. The NFC tag to scan is located behind the Enea logo. If the scan does not work, you can enter the serial number on the Wallmount manually. See illustration on page 21 for where to find your serial number.

9. Values for Wallmount

Here you can set a separate ampere limit for each individual Wallmount that is programmed, if necessary. The default value is 32A. Automatic load balancing ensures that the total current draw on all charging stations mounted in the same row does not exceed the amperage limit set on “charging circuit”.

10. Add more

Wallmounts Now you can scan several Wallmounts on the same circuit, if there are no more Wallmounts to scan, you can press next.

11. Summary

Review your installation and entered values. You can now add several circuits that have been installed from the same distribution cabinet. Finish by pressing “confirm and upload”. If you want to install the charging station right away, you can follow the instructions on the screen. An e-mail will be sent to the electrician with a summary of the installation and an e-mail to the customer with a code that is used to enter the products in the Enea app.

Dynamic load balancing

If a dynamic load balancer unit was selected the configuration starts right after you upload the configuration. Follow the on-screen instructions closely to connect the load balancer to the Enea cloud.

Charge Point Operator

If the facility is to be controlled by a known charge point operator this is chosen during the programming phase.

When a charger is connected to the Wallmount it is automatically connected to the charge point operator. The identification (device ID) is set to the Wallmount serial number. This needs to be added to the selected charge point operator's system.

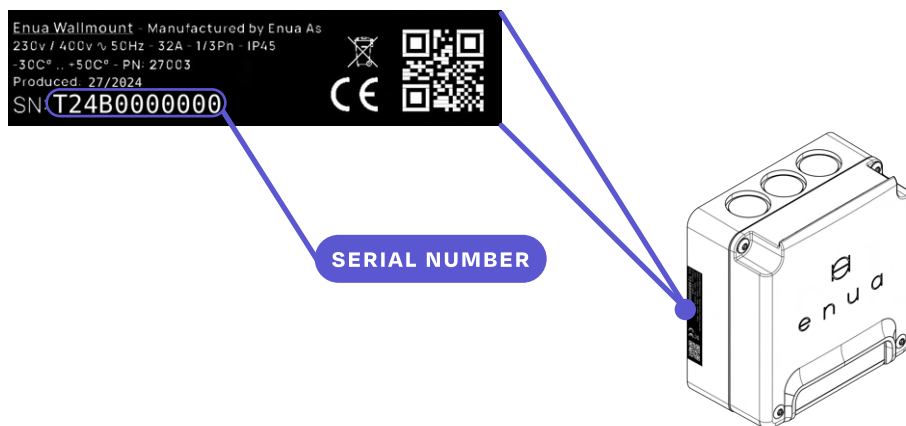
The installer will receive a mail with all the information programmed, including the identification numbers, and parking spot name. When the identification numbers are added to the charge point operator's system, they should connect automatically.

Maintenance

- Clean the product with water using a damp cloth without soap.
- The product should not be cleaned with running water, a garden hose, or a high-pressure cleaner.
- Regularly inspect the product for damage or other visible defects. If damage occurs or you suspect a fault, the product should not be used. Contact your retailer for further assistance.

Troubleshooting and support

If the product does not function as intended or you have any technical questions you can contact your dealer, visit enua.io/support or visit the support tab in Enea Installer app. Remember to have the product's serial number available.



Questions about warranty and claims should be directed to the retailer where the product was purchased.

Color codes for Enea Charge/Charge E



The color codes apply from software version 3.3.20 and later.

Everyday use



Solid white - Standby



Rotating white - Charging in progress



Solid white - Finished



Pulsating white - Wallmount lock is open



Solid red - Error during charging, check your Enea app or www.enea.cloud

Starting up / Update



Solid blue - Charger starting up



Purple animation - Software update

Facility / Authorisation



Solid yellow - Waiting for authorisation after connecting charging cable (charging tag/CPO)



Pulsating blue - Checking authorisation



Solid green - Authorisation approved



Blinking red - Authorisation denied

Installation - After mounting a Charge on a Wallmount



Solid red - Wallmount not configured



Solid yellow - No permission to use Wallmount

Technical specifications

Article number

27003

Material

PC7ASA, PA6

Weight

0.70 kg

Dimensions (mm)

H: 143 x W: 135 x D: 77

Protection grade

UV resistant
IP45 enclosure rating
IK10 impact protection
UL94-V0 flame resistance

Mounting points

4 mounting points - 5mm holes

Installation

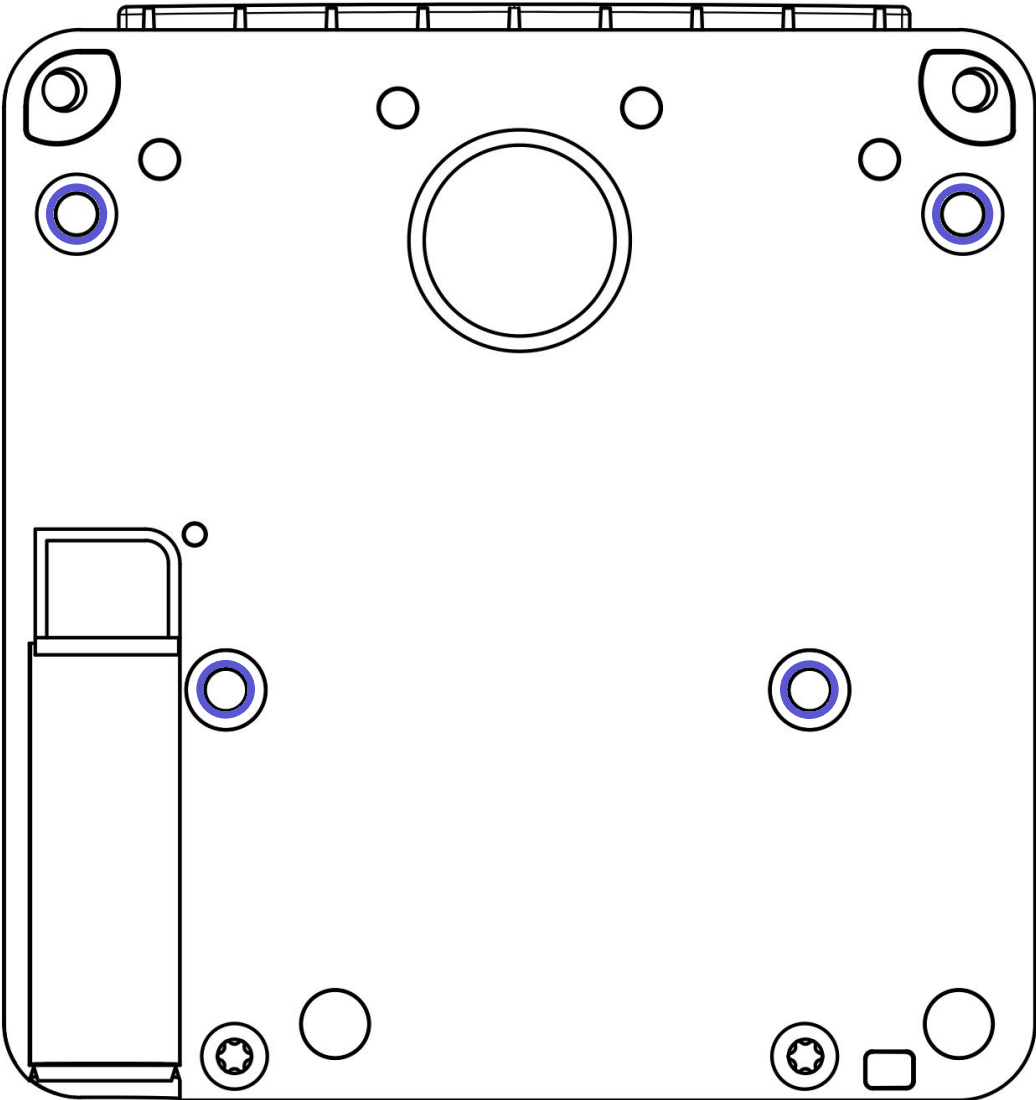
All national and local requirements for low voltage installations must be followed during installation.

Connection

- Wire diameter: 12-20mm*
*When using Enea cable grommet.
- Handles both solid core and stranded conductors.
- No requirement for use of ferrules.
- TN, IT and TT grid.
- 1-phase and 3-phase connection.
- (PE+N+L1/L2/L3).
- 5 cable entries.

Hole pattern

1:1





V10001-4

Enua Wallmount - Installation manual

Enua AS
Falkenborgvegen 35C
7044 Trondheim
Norway

