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# Wallbox Duo

## Two sockets in compact housing

The Enelion Wallbox Duo is a two-socket car charging point. The device is capable of dynamically sharing the power between the two connected cars to optimize the charging process

**Solid construction**

**Wide range of communication**

**Building power balancing**

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### ANODIZED ALUMINUM

#### Advanced design

The design of the device allows for any configuration of connecting the power cables from the top or bottom of the charger. The output power for Wallbox Duo is 7.4 kW per socket, and for Wallbox Duo Power and Adspace it is 22 kW per socket. Optionally, the device can be equipped with a **Bridge communication module**, which allows you to connect to the Internet via **WiFi / Ethernet** or optionally **LTE (GSM)**. As standard, the devices have touch buttons for menu navigation.

#### Elegance

Aesthetics is our leitmotif.
The housing is made of anodized aluminum and is available in two colors: silver and graphite-black. The front of the device is made of hardened plastic to protect it from scratches. The device has two charging sockets, an RFID card reader and an OLED display. In addition, the charger status is communicated via LED diodes located next to the sockets.

### COMMUNICATION

#### Internet connection

One **Enelion Bridge** module is enough to control up to 90 stations in the charger network. Use **WiFi, Ethernet** or optional **LTE(GSM),** depending on your needs.

#### Dynamic Load Balancing (DLB)

Networking multiple charging stations together opens the way to data exchange between them. As a result, they can control the current energy consumption and share the power in an optimal way.

#### OCPP Protocol

Enelion chargers are compatible with the OCPP 1.6. Thanks to this, you can use the **Enelion Administrative System** or other compatible

# Wallbox with two sockets

Duo series Walboxes provide convenience use - two charging points in one housing. Possibility to set up the authorization via RFID card or without authorization. Additionally, Wallbox Adspace may have illuminated customer's logo in the middle of the housing.

## Wallbox Duo Power

Provides the user with access to two 22 kW charging sockets each. Enelion is the only producer on the market offering so unique and compact solution.

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# Wallbox DUO

**TECHNICAL SPECIFICATION**

| | WALLBOX DUO | WALLBOX DUO POWER | WALLBOX ADSPACE |
|---|---|---|---|
| Charging power | 2x 1,4 kW - 7,4 kW | 2x 1,4 kW - 22 kW | 2x 1,4 kW - 22 kW |
| Socket | 2x Type 2 | 2x Type 2 | 2x Type 2 |
| Communication module Bridge (OCPP 1.6)** | offline / WiFi, Ethernet / LTE (GSM) | offline / WiFi, Ethernet / LTE (GSM) | offline /WiFi, Ethernet / LTE (GSM) |
| OLED Display / RFID / Buttons | built-in | built-in | built-in |
| Dynamic Load Balance (DLB)** | Enelion DLB | Enelion DLB | Enelion DLB |
| Energy meter | built-in / Enelion MID* | built-in / Enelion MID* | built-in / Enelion MID* |
| Residual current device** | RCM B / RCD A / RCD B | RCM B / RCD A / RCD B | RCM B / RCD A / RCD B |
| Socket with lock | built-in | built-in | built-in |
| Impact protection | IK 10 | IK 10 | IK 10 |
| Ingress protection | IP 54 | IP 54 | IP 54 |
| Operating temperature | -25°C / + 55°C | -25°C / + 55°C | -25°C / + 55°C |
| Height (mm) | 250 | 250 | 250 |
| Width (mm) | 390 | 530 | 1000 |
| Depth (mm) | 150 | 150 | 150 |

*Certified energy measurement | ** optional equipment

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## Functionality and aesthetics

Enelion Wallbox is the most universal charger in Enelion offer. The solutions used in it allows to change configuration of the charger at any time.
Wallbox charging power can be smoothly adjustable in range from 1.4 kW up to 22 kW.
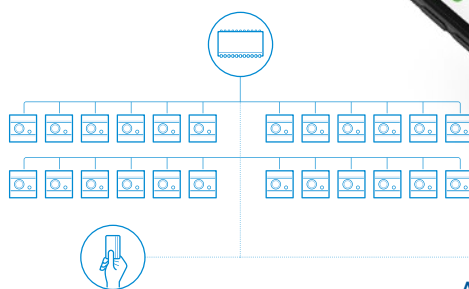The charger can be equiped with Enelion Bridge that gives OCPP 1.6 functionality.

Solid construction

Wide range of communication

Building power balancing
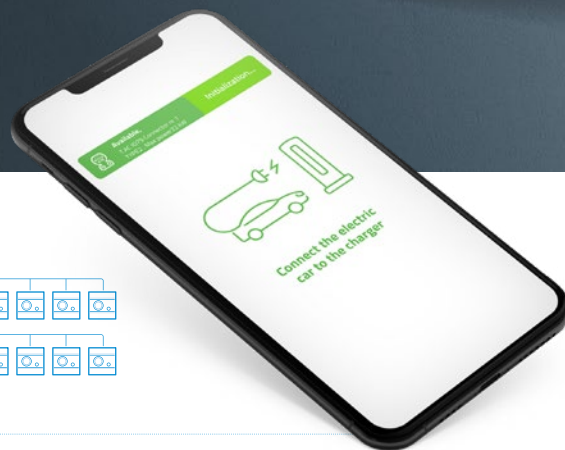
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## COMMUNICATION

### GSM, WiFi, Ethernet
Using the Enelion software, it is possible to manage up to 90 chargers in one network. The charger is equipped with WiFi / Ethernet communication module, optional LTE (GSM) modem and RFID card reader.

### Dynamic Load Balancing (DLB)
Intelligent charging power limitation system, lets you split charging power between chargers so the total charging power will not exceeded the mains.

## APPLICATION

### Expand the possibilities of the charger with Enelion Bridge
Remote access allows you to control the charger, preview of charging statistics and advanced device configuration.

### Office parking lots
Easy installation in a convenient place in the garage space.

### Multitasking
Possibility of integration with the parking lot payment systems.

### Vehicle fleet
Easy management of the chargers network with the Enelion administration system.

# High-quality design in two aluminum colors

The cover is made of anodized aluminum and is available in two colors: silver and graphite - black. Front panel is made of damage resistant plexiglass. Wallbox charger is offered with a Type 2 socket and RFID card reader. OLED display ensures readability of all data from the device. The current operating status of the charger is indicated by LED backlight around the socket.

## Wallbox EASY

The Easy series charger provides the basic functionality and practical connection without the need for an electrician.

# enelion **Wallbox**

## TECHNICAL SPECIFICATION

|  | WALLBOX EASY | WALLBOX |
|---|---|---|
| Charging power | 3,7 kW, 11 kW, 22 kW | 1,4 kW - 22 kW |
| Socket | Type 2 | Type 2 |
| Communication module Bridge (OCPP 1.6)*** | - | offline / WiFi, Ethernet / LTE (GSM) |
| OLED Display / RFID / Buttons | - | built-in |
| Dynamic Load Balance (DLB)*** | - | Enelion DLB |
| Energy meter | - | built-in / Enelion MID* |
| Residual current device (RCD)*** | - | RCM B / RCD A / RCD B |
| Power cord | attached** | - |
| Socket with lock | - | built-in |
| Impact protection | IK 10 | IK 10 |
| Ingress protection | IP 54 | IP 54 |
| Operating temperature | -25°C / + 55°C | -25°C / + 55°C |
| Height (mm) | 271 | 271 |
| Width (mm) | 249 | 249 |
| Depth (mm) | 156 | 156 |

*Certified energy measurement  |  ** The ability to quickly connect to a 380V socket  |  ***Optional equipment