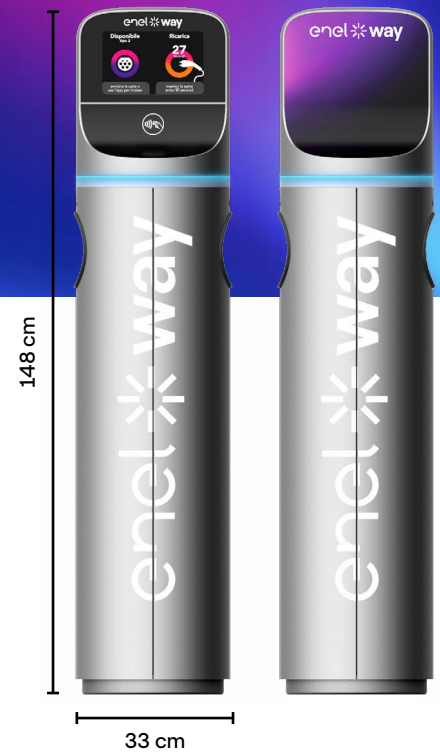


Waypole

Datasheet

Charging two electric vehicles at the same time, easier and faster than you think

Enel X Way Waypole™ is a smart, easy and fast solution to charge two electric vehicles at the same time. Each AC socket provides up to 22 kW, perfect for both private and public charging. Enel X Way Waypole™ is compatible with all EV models available in Europe, prepared for the future!



Why Enel X Way Waypole™?

Reliable

Anti-vandal protection system which protects the station and its sockets even on stand-by.

Equipped with two locking systems that prevent unauthorized disconnection of the sockets during charging

Fully weatherproof enclosure

Cost-effective

Save money and energy with advanced smart metering functionalities and algorithms

Easy to use

Access the charging procedure via the mobile APP or RFID card

User Interface guiding the user through the charging process

Easily integrate with WayNet dashboards of Enel X Way to see and manage all of your charging sessions

Pleasant and customizable

Customizable shell materials and colors

Add logos to user interface

User instructions



1



Identify yourself before accessing the service through the mobile App or an RFID (Wireless) Smart Card



2



Await feedback from the charging station



3



Connect the cable and the charging session will start automatically



4



When the charging session is completed, access the APP or use the RFID card again to end the operation. Then unplug the cable

Intended Use

Public

Charging stations can be installed in a public area or in a private area with public access that is open to all types of customers

Private

Charging stations can be installed in private areas, limiting charging access to certain groups of users.

Specifications

Power Supply

AC POWER SUPPLY 3P/1P + N + PE

AC POWER VOLTAGE 230/400 VAC, 50Hz (*) single and three phase input (*) ready for 60Hz power supply

AC Outlet

MODE 3 IEC61851-1

Socket Type 3A IEC62196-2 – IP XXD (Shutters)

- > Single phase: 1P + N + PE
- > Max Power: 3,7 kW
- > Max current: 16 A

Socket Type 2 IEC62196-2 XXD (Shutters)

- > Three phase: 3P + N + PE + Pilot + Proximity
- > Max Power: 22 kW
- > Max current: 32 A

PRODUCT	PRODUCT CODE	DESCRIPTION	CONNECTIVITY	CUSTOMER AUTHENTICATION INTERFACE	FEATURES	STANDARD VERSION	CUSTOMIZATION OPTIONS
Enel X Way Waypole 03+22	1.00JPA03223 ECEU-SDx CA1-000	Type 3A 3kW + Type 2 22kW (25kW 48A @400V)	UMTS SIM	RFID	Top Skin:	Glossy Black	Glossy Moonwhite
					Bodyshell:	Powdercoated stainless steel Light grey matte	Corian® Moonwhite matte
Enel X Way Waypole 22+22	1.00JPA22223 ECEU-SZx CA1-000	Type 2 22kW + Type 2 22kW (44kW 64A @400V)	UMTS SIM	RFID	Top Skin:	Glossy Black	Glossy Moonwhite
					Bodyshell:	Powdercoated stainless steel Light grey matte	Corian® Moonwhite matte

Electrical Characteristics

- > **Configuration 25kW:** 48A @400V (Single phase Type 3A + Three phase Type2)
- > **Configuration 44kW:** 64A @400V (Three phase Type2 + Three phase Type2)

Technical Characteristics

- > 2x Smart Meter MID certified
- > Identification by mobile App or RFID card
- > Monitor TFT 10"
- > Electrical protection Single-phase/Three-phase: MCB (curve D) e RCD type B (30 mA)
- > MCB and RCD protections can be reset by automatic/remote control system

Communication Standards And Protocols

- > Connection to the central management system using SIM CARD
- > Built-in RFID for local authorization
- > Protocols: OCPP 1.6 SOAP and JSON under development, Enel Proprietary Protocol

Environmental Settings

- Operating temperature** > -25 °C ÷ +50 °C
- Operating humidity** > 5% ÷ 95%
- Altitude** > Up to 2000m
- IP Rating: IP 54** > (Weatherproof, dust-proof)
- Mechanical Impact** > IK10
- Charging station flammability rating** > UL94 V0

Environmental Settings

- Shell customization** > colors, materials, stickers/film
- Graphic User Interface customization** > colors

Weight & Dimensions

- Weight** > 60 kg
- Dimensions** > 1475,5mm x 335mm (diameter)

Safety

- > CEI EN 61851-1 Ed. 2
- > CEI EN 62196-2 phase Type2