enel way

Waypole 2

Datasheet

148 cm
33 cm

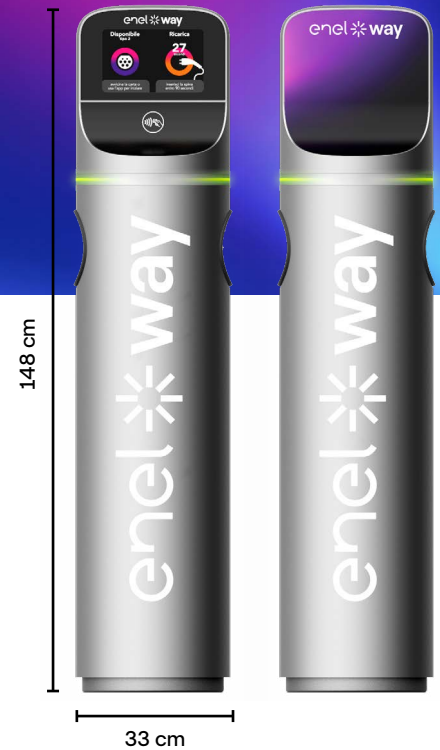## Charge two electric vehicles at the same time, with an easy and seamless experience

Enel X Way Waypole™ 2 is a smart, intuitive and fast way to charge two electric vehicles at the same time. Providing up to 22 kW in AC from both output sockets, it is perfect for private and public installation settings. Safe, reliable and built to last, Enel X Way Waypole™ 2 is compatible with all EV models available in Europe.

With a 10'' screen and dynamic LEDs, it guides the user throughout the steps of the charging session. Taking advantage of different connectivity options, Waypole 2 provides advanced smart charging functionalities that allow for a smooth and seamless charging experience.

Why Enel X Way Waypole™ 2?

Reliable

Equipped with an anti-vandal protection system, which protects the station and its sockets when on stand-by.

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

Suitable for outdoor installation (fully weatherproof enclosure)

Take advantage of the remote technical assistance service available 7 days a week

Smart

Get access to smart charging functionalities such as load management, scheduled charging and more

Controllable and Easy to use

Access to charging procedure via mobile App, RFID card and NFC*, thus by identification and charging authorization

User interface with 10'' monitor and dynamic LED to support and guide the customer during each charging session
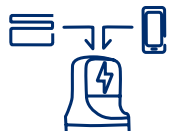
Suitable to be integrated in the dashboards of the Waynet software suite

Pleasant and customizable

Possibility to customize the graphics of the external case

Sleek and innovative product design

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User instructions

	1	>	Identify yourself before gaining access to the service through the smartphone App, RFID (Wireless) Smart Card or NFC* digital card
	2	>	Await feedback from the charging station
	3	>	Connect the cable and the charging session starts automatically
	4	>	When the charging is complete, access again through the App, RFID or NFC to successfully close the session and unplug the cable

Intended Use

Public

Charging station installed in a public area or in a private area with public access, open to all type of customers.

Private

Charging station installed in a private area, available to a limited group of users, for private charging only.

Specifications

Power Supply

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

Power supply World Wide Range, 50/60Hz

AC Outlet

MODE 3 IEC61851-1

Socket Type 3A
IEC62196-2

> Single phase: 1P + N + PE

> Max Power: 2,3 kW

> Max current: 10 A

Socket Type 2 IEC62196-2 XXD
(anti-vandal socket with shutters)

> Three phase: 3P + N + PE + Pilot + Proximity

> Max Power: 22 kW

> Max current: 32 A

PRODUCT	OUTPUT DESCRIPTION (SOCKETS)	CONNECTIVITY	USER COMMUNICATION INTERFACE
Enel X Way Waypole 03+22	Type 3A 2,3kW + Type 2 22kW (25kW 48A @400V)	LTE cellular Wi-Fi Ethernet (WAN) Bluetooth-ready	App Enel X Way RFID card NFC* digital card Simple access to charging session via QR code
Enel X Way Waypole 22+22	Type 2 22kW + Type 2 22kW (44kW 64A @400V)	LTE cellular Wi-Fi Ethernet (WAN) Bluetooth-ready	App Enel X Way RFID card NFC* digital card Simple access to charging session via QR code

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

> 2 Meter MID certified

> User identification via Enel X Way App, RFID card and NFC*

> Monitor TFT 10'', for a clear user interface

> New LED group to guide the user through the charging process

> Load optimization functionality, with possibility to limit the total power provided by the two sockets at any given time

> Integrated GPS

> 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 cellular connectivity, WiFi or Ethernet

> Built-in RFID and NFC* reader and Bluetooth for local connectivity

> Protocols: OCPP 1.6 SOAP and JSON, Enel X Way Proprietary Protocol

Environmental Settings

Operative temperature	> –25 °C ÷ +50 °C
Operating humidity	> 5% ÷ 95%
Altitude	> max 2000m

Weight & Dimensions

Weight	> Waypole 2 03+22: 41kg
	> Waypole 2 22+22: 42kg
Dimensions	> 1479,5 mm x 335 mm (external diameter)
	> Socket ground clearance: 953 mm (compliant with disability access requirements)

Customization

Shell customization	> Possibility to customize graphics with stickers and film

Certifications

> CEI EN 61851-1

> RED UE Directive

> CEI EN 62196-2 phase Type2

* The management of NFC communication in Enel X Way App is currently available only on Android. The functionality will soon be available on iOS