enelion

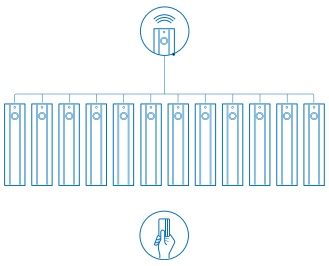
VERTICA

Reliable, safe and aesthetic element of urban infrastructure

Enelion Vertica has a casing made of anodized aluminum, which ensures resistance to all weather conditions. Powder coating is also possible.

A charger connected to the internet can be managed through dedicated software, and the exchange of the charging panel takes less than 2 minutes.

- Durability and reliability
- Modules replaceable in 2 minutes
- Dynamic Load Balancing of chargers in the network (DLB)
- Prefabricated foundation allowing for quick positioning of the device



COMMUNICATION

Internet connection

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

Dynamic Load Balancing (DLB)

Intelligent system for limiting the power of charging electric cars it allows you to divide the charging power between chargers in such a way that their total charging power does not exceed the connection power.

Designed for public and business space

The Vertica charging station fits perfectly into the surroundings. The elegant appearance means that loading vehicles in public space does not disturb the aesthetics of the city.

Parking lots in the city space

Networked Enelion Vertica devices work together to provide a charging power of up to 22 kW from each charging station socket.

Modular housing in two colors of aluminium with the possibility of powder coating in any color.

Enelion Vertica features an anodized aluminum housing, which ensures resistance to all weather conditions. Powder coating is also possible.

The installation is easy and intuitive, and the charging module can be replaced in less than 2 minutes. Convenient connection of the car is ensured by the installed cable with a Type 2 plug. Thanks to the spiral structure of the cable, it does not get tangled and makes it easy to put it back in its place after the charging process is finished.

Vertica

TECHNICAL SPECIFICATION

	VERTICA SOCKET	VERTICA CABLE
Charging power	2x 1.4 kW – 22 kW	2x 1.4 kW – 22 kW
Socket / Plug	2x Socket (Type 2)	2x Plug (Type 2)
Coiled cable (maximum length)	–	max. 4 m
Communication module Bridge (OCPP 1.6)**	offline / WiFi, Ethernet / LTE (GSM)	offline / WiFi, Ethernet / LTE (GSM)
Minimal signal quality requirements	WiFi: -60 dBm; GSM: -85 dBm	WiFi: -60 dBm; GSM: -85 dBm
OLED Display / RFID / Buttons	built-in	built-in
Energy meter	built-in / Enelion MID*	built-in / Enelion MID*
Residual current device (RCD)**	RCMB / RCDA / RCDB	RCMB / RCDA / RCDB
Socket with lock	built-in	–
Impact protection	IK10	IK10
Ingress protection	IP54	IP54
Operating temperature	from -25°C to 55°C	from -25°C to 55°C
Height (mm)	1310	1310
Diameter (mm)	250	250 + Cable

* Certified energy measurement | ** Optional equipment

rev. 29.02.2023

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