



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



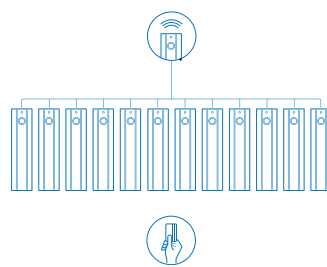
Modules replaceable
in 2 minutes



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

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