



# VERTICA

Reliable,  
safe and aesthetic  
element of urban  
infrastructure

Enelion Vertica has an anodized aluminum housing which makes it weather resistant. Connected to the internet can be managed by dedicated software. Replacement of the charging panel takes less than 2 minutes.



Durability  
and reliability



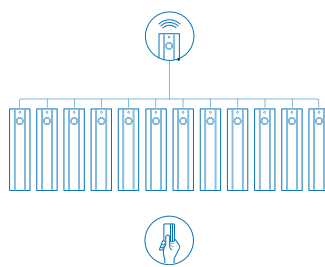
Modules replaceable  
in 2 minutes



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

The Enelion Vertica housing is made of anodized aluminum, which makes it weatherproof, easy and intuitive to install, and changing the charger takes 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 / <a href="#">WiFi</a> , <a href="#">Ethernet</a> / <a href="#">LTE (GSM)</a>	offline / <a href="#">WiFi</a> , <a href="#">Ethernet</a> / <a href="#">LTE (GSM)</a>
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 / <a href="#">Enelion MID*</a>	built-in / <a href="#">Enelion MID*</a>
Residual current device (RCD)**	<a href="#">RCM B</a> / <a href="#">RCD A</a> / <a href="#">RCD B</a>	<a href="#">RCM B</a> / <a href="#">RCD A</a> / <a href="#">RCD B</a>
Socket with lock	built-in	—
Impact protection	IK10	IK10
Ingress protection	IP54	IP54
Operating temperature	-25°C / +55°C	-25°C / +55°C
Height (mm)	1310	1310
Diameter (mm)	250	250 + Cable

\* Certified energy measurement | \*\* Optional equipment