

ORBITIS®

energía inteligente



VIARIS GRAVITY

DC 30 kW FAST CHARGER

SMART SOLUTION FOR ELECTRIC MOBILITY

VIARIS GRAVITY 30 kW

Small, wall or pedestal-mounted direct current (DC) charging stations, such as **VIARIS GRAVITY**, are a new concept in the field of electromobility, as they provide charging speeds similar to those of large charging stations, but in a small size. It is a charger that is **quick to install** and set up, **versatile, easy to use and efficient**.

It can be connected, monitored and updated remotely. It can be installed both in **public environments**: public roads, car parks and petrol stations, and in **private environments**: corporate fleets and carsharing, private car parks, shopping centres, hotels, etc.



SIMPLE, COMPACT AND POWERFUL

DC FAST CHARGER

1 HIGH-SPEED CHARGER

Ideal for recharging between 30 minutes and 2 hours, up to 200 km range per hour of charging (*).

2 REINFORCED WEATHERPROOF STRUCTURE

In highly resistant stainless steel sheet, polyurethane and main door in anti-vandalism glass with lock.

3 EVERYTHING UNDER CONTROL

10.1" colour touch screen with high visibility LED signals, to assist the user in the use of the charger (configuration, management and charging status information).

4 ACCESSIBILITY

RFID reader that allows, through the card, to activate/deactivate the charging of the vehicle. The station can also be activated via access code or QR code. Optionally, a POS can be incorporated into the terminal.

5 SECURITY

The emergency button, either activatable or deactivatable, can be used when necessary to stop the charging process.

6 VERSATILE

Mounting can be done on the wall or column in the single-sided and double-sided version with ceiling.

7 CCS2 OR CHAdeMO CONNECTOR

Available as single-outlet version with CCS2 connector or with CCS2 connector or with two outlets with CCS2 and CHAdeMO connectors. They feature a cable length of 5 m.

8 INTEROPERABILITY

Standardised interfaces for integration with management platforms with protocols such as OCPP 1.6 J, Modbus TCP and Modbus RTU.

9 CONNECTIVITY

Ethernet and 4G included as standard. Optional Wifi.

(* Data are indicative. These figures can only be achieved under optimal conditions. The charging times depend, in addition to the maximum power of the station, on the power of the vehicle charger and the power available at the station at any given time.

CHARGING SYSTEM MODE 4

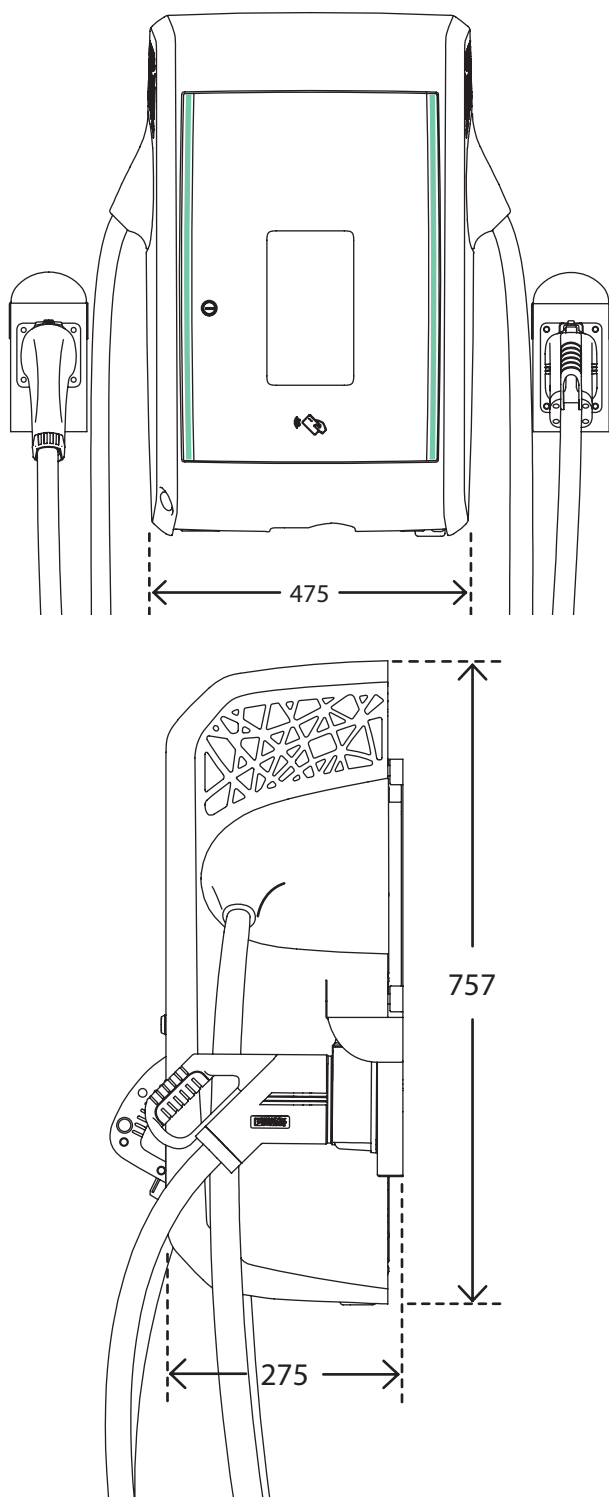
IK10

IP55

VIARIS GRAVITY CHARGING STATION

30 kW FAST CHARGER

Dimensions (mm)



Technical characteristics

Supply voltage	400 Vac
Frequency	50-60 Hz
DC charging mode	Mode 4 according to EN 61851-1
Maximum input current	46 A
Efficiency	> 95% (at rated power)
Standby power consumption	< 25 W
Outputs	1x CCS2; 1x CCS2 + 1x CHAdeMO
Cable length	5 m
Output power	30 kW (@V ≥ 375 Vdc)
Output voltage	150 Vdc ~ 500 Vdc (1000 Vdc optional)
Charging current	0 A ~ 80 A
Connectivity	As standard: Ethernet and 4G Optional: Wifi
Access and identification	RFID reader or access code/QR code
Credit card reader	Credit card reader Optional
User interface	10.1" touch screen
Communication protocol	OCPP 1.6 J, Modbus TCP and Modbus RTU
Operating temperature	-10 °C a +55 °C (-30 °C to +55 °C with optional heater)
Humidity	5% a 95% HR, without condensation
Noise level	≤ 55 dBA at 1 m distance in all directions
Charger Material	Stainless steel and polyurethane
Degree of protection	IP55
Degree of mechanical protection	IK10 according to EN 62262 (shield IK08)
Weight	64 kg or 72 kg with 2 outlets CCS2 and CHAdeMO
Installation	Wall or pedestal mounting

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