

ORBITIS®

energía inteligente



VIARIS LANDER

DC 60 kW FAST CHARGER

SMART SOLUTION FOR ELECTRIC MOBILITY

VIARIS LANDER 60 kW

Our **VIARIS LANDER** fast charging station has been designed for those users who need to **recharge their vehicle** in a relatively short period of time, ranging **from 15 to 60 minutes**.

Thanks to its DC power output, it can offer a **range of 100 km for every 15 minutes of connection**. In addition, thanks to its power modulation technology, VIARIS LANDER is **able to charge two vehicles simultaneously**.

They can be installed both in **public environments**: car parking lots, public transport services and petrol stations, as well as **private environments**: corporate fleets and car-sharing, private parking areas, shopping malls and supermarkets, etc..



VERSATILE, ADAPTABLE AND **VERY FAST**

DC FAST CHARGER

1 FAST CHARGER

Ideal for recharging between 15 minutes and 2 hours, up to 100 km range every 15 minutes of charging (*).

2 REINFORCED WEATHERPROOF STRUCTURE

High-strength stainless steel sheet, polyurethane and break-resistant front glass.

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

Simultaneous charging on two outputs depending on the model, both in DC-DC and DC-AC, being able to deliver simultaneously in this case up to 150 A (DC) and 32 A (AC).

7 AVAILABLE CONNECTORS

Available in these versions: with one output with CCS2 connector, with two outputs with CCS2 and CHAdeMO connectors or with two outputs with CCS2 connectors. A third type 2 (AC) outlet can also be added to all these options. A 4 m hose is available.

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

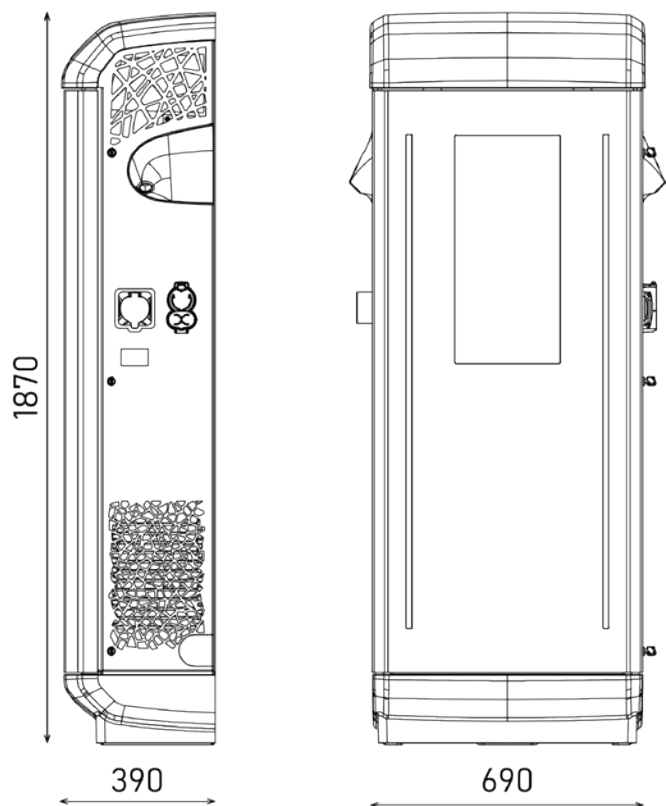
IK10

IP55

VIARIS LANDER CHARGING STATION

60 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	CCS2 + CHAdeMO: 96 A / 128 A
Efficiency	> 95% (a potencia nominal)
Standby power consumption	< 50 W
Outputs	1x CCS2 / 1x CCS2 + Outlet Type 2; 1x CCS2 + 1x CHAdeMO / 1x CCS2 + 1x CHAdeMO + Outlet Type 2; 2x CCS2 / 2x CCS2 + Outlet Type 2
Cable length	4 m
Output power	60 kW (@V ≥ 375 Vdc)
Output voltage	150 Vdc — 1000 Vdc
Charging current	150 A
Connectivity	As standard: Ethernet and 4G Optional: Wifi
Access and identification	RFID reader or access code/QR code
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	234 kg / 252 kg

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