



## Vega Chargers

Vega Chargers is a **company specialized in the design of DC fast electric vehicle charging stations.**

At Vega Chargers we work every day to make possible **a more sustainable present and future in terms of emobility**, for this we analyze the needs of our customers and provide flexible and scalable charging solutions for electric vehicles, starting with the conception and design passing through manufacturing and distribution.

## New charging concept for electric vehicles

The small-sized, wall-mounted DC fast charging station, such as **ALOHA Gravity**, are a new concept in the field of emobility, as they provide similar charging speeds than large charging stations, but in a reduced size.

Aloha Gravity reduces the charging time of current electric vehicles by offering **200 km of range for each hour of connection** compared to the 47 km of range offered by current AC charging stations (AC - 7.4 kW).

## We offer

- Experience and knowledge
- Commercial network
- Technical support
- Technical training
- Consultancy for emobility

## Applications



Malls and supermarkets



Hotels and restaurants



Workplace



Car park for public or private use



Corporate fleets and carsharing



Service vehicles and public transport

# ALOHA

Gravity

**FAST CHARGER** | Up to 200 km of range for each hour of connection\*

**CHARGING TIME** | Ideal for charging times between 30 minutes and 3h



**VEGA**  
CHARGERS



## Easy

Quick installation and commissioning



## Versatile

Customization according to customer



## Accessible

Front door for easy maintenance



## Smart

Remote connection, monitoring and updating



## Design

Careful aesthetic quality



## Tactile

Antivandal 10,1" touch screen



## Installation

Indoor and outdoor installation



## Mounting

On wall or pedestal

## GENERAL FEATURES

|                        |   |                       |   |
|------------------------|---|-----------------------|---|
| Charging Mode          | Mode 4 (DC)                                     | Operating temperature | -30°C to 55°C                                 |
| Maximum charging power | 30 kW ( $I_{\text{d}} V \geq 375 \text{ Vdc}$ ) | Humidity              | 5% a 95% RH, without condensation             |
| Output voltatge        | 150 Vdc ~ 500 Vdc (1000 Vdc optional)           | Noise level           | $\leq 55 \text{ dBA}$ a 1 m in all directions |
| Charging current       | 0 A ~ 80 A                                      | Dimensions            | 757 x 475 x 275 mm                            |
| Connector type         | CCS2 & CHAdeMO                                  | Weight                | 68 kg**                                       |
| Cable length           | 5 m (longer length available)                   | Mounting              | On wall or pedestal                           |
| Material               | Stainless steel and PUR                         | Colour                | Customizable                                  |
| Degree of protection   | IP55 / IK10 (Screen IK08)                       |                       |   |

## ELECTRICAL FEATURES

|                     |                  |
|---------------------|------------------|
| Voltage             | 400 V $\pm 10\%$ |
| Nominal current     | 46 A             |
| Frequency           | 50-60Hz          |
| Power factor        | $\geq 0,99$      |
| Efficiency          | $> 95\%$         |
| Standby consumption | $< 25 \text{ W}$ |

## USER INTERFACE AND CONNECTIVITY

|                          |                            |
|--------------------------|----------------------------|
| Display                  | 10,1"                      |
| User interaction         | Touch screen               |
| Communication protocol   | OCPP 1,6J                  |
| Connectivity             | 4G / Ethernet / Wi-Fi      |
| Authorization and access | RFID Reader or access code |

\* Range calculation based on the average consumption provided by EV manufacturers according to the WLTP standard, 15 kWh per 100 km.  
\*\* Weight for a CCS2 & CHAdeMO outputs. For a single output is 59 kg.