



## EV CHARGING STATIONS

# Electric Vehicle Charging Equipment



**ALFEN**  
POWER TO ADAPT

# Alfen Charging Equipment

## Founding father of EV charging

Since 2008, Alfen develops and produces charging stations for the Electric Vehicles (EV) market. As one of the founding fathers of EV charging solutions Alfen realized over 35,000 charge points worldwide, and plays a leading role in development and standardization of the industry, such as the Open Charge Point Protocol (OCPP) for communication between EV charging stations and central management systems. Alfen leverages its base in the Netherlands, Europe's leading country with regards to EV charging, to continuously evolve and innovate.

## Powerful product range

The complete series of in-house designed, developed and produced charging stations are suitable for every Plug-in Hybrid and Battery Electric Vehicle for use at home, business and in the public domain, and are available in a variety of power capacities and functionalities. Next to charging equipment, Alfen has extensive experience with transformer substations (market leader in the Netherlands) and energy storage systems. With this broad range of in-house products and services Alfen is connecting the megatrends in the energy sector.

## Smart charging

Our hightech charging stations are built with solid smartware, A-label European components and integrated connectivity. Loadbalancing and smart charging options give users of Alfen equipment the freedom to choose when and how fast to charge. The available power can be optimized over time and chargers, thus avoiding investments in upgrades of grid connections.

## Backend management system and technical support

Alfen offers solutions for remote control and backend management to its customers. In addition we deliver technical support based on vast experience and in-house technical knowledge.



# Highlights of our charging points



## We believe in open hardware and interfaces

All our products are SIM-lock free and support a free choice of backend management system service providers and payment systems.



## We offer certified quality products

Alfen's products are tested and certified by leading car manufacturers (amongst which Opel, BMW, Audi, Nissan, Mitsubishi, Hyundai, Kia, Renault) and notified certifying bodies. Our charging stations include DEKRA (CE) and ZE/EV Ready certifications.



## Solutions for all situations

Alfen has a proven solution with dedicated poles and accessories for charging cars at home, at companies or at public locations.



## Technical partner for the best solution

In 2008, we were at the start of the first technical specifications of EV charging, and continue in-house development of our charging stations to meet the latest technical standards and innovations.



## High quality service

Alfen's service program has wide geographical coverage, including remote support, trainings, IT integration services for Back-office/Payment platforms and branding services (display, labeling, wrapping).



## Perfect value

Alfen offers certified products with open hardware and long lifetimes. Our decade-long experience ensures that our products are easy to install and configure, contain clear user-interfaces and realize high uptimes.





# Alfen, at the Center of the Electricity Grid

## Enabling the Energy Transition

We offer fully integrated projects based on our broad range of products for the distribution of electric energy, including in-house solutions for substations, switchgear, grid connections, automation and communication, project management, service and maintenance. Building on our 80 years' electro-technical experience we are dedicated to build the electricity grid of the future: sustainable, reliable and innovative.

### Transformer substations

Market leader in substations for grid operators, industrial corporations and the horticultural industry.

### Energy storage

Solutions for load balancing, trading and autonomous electricity grids in combination with solar or wind energy.

### EV charge points

Complete range of charge points for domestic, business and public locations, and unique solutions for e.g. load balancing in combination with storage.

### Electricity grids

Complete solutions in the field of high and medium voltage grids.

### Grid automation

Large range of functionalities for remote measuring and management.

### Management & Maintenance

Full maintenance and service offering.



# Product portfolio

## Eve Mini

### Single user smart charging station in a modern, compact housing

The Eve Mini offers smart technology in a very small, modernly shaped casing. The Eve Mini is a compact wallbox that comes with integrated DC fault current detection and GPRS/Ethernet connectivity. The socket version also has a full color display. Like all other Alfen charging stations, the Eve Mini is completely designed, developed and produced in Europe exclusively with A-quality components.



## Eve

### Advanced charging station for multiple users

The Eve is a high-tech robust charging station that is equipped with two charging outlets and a large display situated in the front. The glasfiber enforced casing makes it vandalism proof. The Eve comes with many functionalities and is easy to use and install. The charger is available in a large number of charging capacities.



## Twin

### The most installed charging station in public locations

The Twin is a highly robust and solid charging station, especially designed for public locations. The housing of the charging station has been made completely out of stainless steel and naturally blends in to the streetscape thanks to its neutral design. The Twin has no protruding parts and has a sloped top so no objects can be put on top of the station.



	Eve Mini	Eve	Twin
Material	Polycarbonate	Sheet Moulding Compound	Stainless Steel
Size	S	M	L
Outlets	1	2 in same direction	2, back to back
Available outlet options	Type 2 socket (with and without shutter), fixed cable (type 1 and type 2)	Type 2 socket	Type 2 socket
Authorization	Plug & Charge or RFID	Plug & Charge or RFID	Plug & Charge or RFID
Safety related components: installation flexibility	Full flexibility: MCBs and RCDs installed outside	Partial flexibility: MCBs (RCDs installed inside)	Flexibility determined by product configuration: Residual current and over current (short circuit) Type A protection fully on board
User Interface	Single LED or display	Display & authorization status indicator	Authorization status indicator. Language independent, pictograms showing user steps

# Contact

---

## **Alfen Charging Equipment**

Hefbrugweg 28  
1332 AP Almere  
The Netherlands

PO-box 1042  
1300 BA Almere  
The Netherlands

Sales support Charging Equipment:  
+31 (0)36 54 93 402

Alfen:  
+31 (0)36 54 93 400

**[www.alfen.com](http://www.alfen.com)**