

Product sheet

# Alfen Eve mini



allego 

## AC Eve mini charging station

# Charging with the Eve mini

## Who is it for?

Our Eve mini wallbox (AC) charger is intended for average- and longer-length charging sessions for EV drivers who remain at your location or at their homes. Ideal for at home, hotel guests, restaurant patrons, or meeting participants, as well as for day-long visitors and mall shoppers. And, of course, for employees who are at the office all day.

## How regular charging works

EV drivers can charge at two speeds: regular (3.7 kW or 7.4 kW) and semi-fast (11 kW or 22 kW). In concrete terms, this means that vehicles can be fully charged in periods ranging from one to eight hours. Charging speed depends on factors such as the following:

### Charging the vehicle:

The Mitsubishi Outlander and the Volvo V60, for example, usually charge at 3.7 kW. With batteries ranging from 9 to 12 kWh, these vehicles are usually fully charged in 3 hours. The BMW i3 and the Renault Zoë charge at a semi-fast rate. With a battery of 22 kWh, for example, the Renault Zoë is fully charged in 1 hour.

### Available capacity:

To be able to charge at a maximum of 22 kW per charger, you must have 3 phase 32 ampere capacity available at each charger. If you have less electrical capacity available, charging capacity will decrease accordingly. You can start with a single charging socket. The number of charging sockets can easily be increased and connected.

## Allego's services

- Full installation and site set-up;
- Pro-active monitoring and 24/7 help desk;
- Settlement of charging sessions with third parties.

# Technical specification

## Equipment features and environmental factors

Equipment type	Mini wallbox with one AC charging socket
Assembly	Affixed to a pole or wall
Dimensions	460 mm x 315 mm x 250 mm depth (H x B x T)
Type	AC
Weight	4 kg
Ambient temperature	-25°C – +40°C
Degree of protection	IP54
Developed in accordance with	IEC 61851-1 (2017) en IEC 61851-21-2 (2001) DEKRA Seal guidelines,
Installation requirements	IEC 61851-1, NEN 1010

## Electrical features, charging mode

Electricity usage	230 V 1-phase or 400 V 3-phase
Usage metering	MID approved, suitable for settlement
System security	System 20A
Load-balancing	optional: Active or in Smart Charging Network
Charging capacity per outlet	3,7 kW (230V, 16A), 7,4 kW (230V, 32A), 11 kW (400V, 16A), 22 kW (400V, 32A) Type 2 socket with locking system

## Communication and operation

Authorisation	RFID or distance-activation (e.g. with App)
Status information	3,5" TFT color display (resolution 320 x 240 pixel)
Communication protocol	OCPP 1.5 and 1.6 via GSM or Ethernet

## Options

Colour	RAL 9016 (white)
Pedestal	RAL 7043 (traffic grey)

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