

EVe

Advanced Charging Station for Electric Vehicles

Applications

- Houses
- Office buildings
- Parking lots and garages
- (Semi) public locations

Features

- Compact and stylish design
- Robust housing
- Very easy to operate
- Vandal-resistant
- Installation on a wall or pole

Specifications

- Suited for up to 2 concurrent users
- Maximum charging capacity per outlet: 22kW
- Support of various back office systems

The EVE is the newest charging station in the complete range of charging solutions from Elmtronics.

The EVE has a futuristic design, is suited for two users and offers the latest technology and functionality in charging stations for electric vehicles.

The housing is composed of a very strong composite material. Therefore the EVE is very robust and suitable for applications on both (semi) private and public locations. The highly compact charging point can be mounted on the wall or on a special pole.

The EVE is equipped with an RFID reader and can optionally be fitted with a graphic colour display. On the display, charging instructions and transaction data is shown. Additionally, it is possible to display your own logo for a professional appearance. All versions of the charging station are very user-friendly and the charging process can be started or stopped in a few easy and quick steps. The EVE is available in a wide range of capacities, allowing for virtually any application.

The EVE is built according to the mode 3 protocol and complies with all relevant international standards. By choosing the EVE, you are choosing a highly safe and reliable charging station.



EVe

Specifications

Charging capacity per outlet
3.7 kW (230v, 16A) 7kW (32a, 230v) 11kW (400V, 16A), 22 kW (32A, 400)

Charging mode
Mode 3, Z.E. Ready 1.2

Socket
EV-Plug Type 2, IEC 62196-2

Mains switch
4-poled 80A 400V

Mains connection
40A mains 1-phase (16A 230v) 64A 1-phase (32A 230v) 40A 3-phase 400V 50Hz (11kW version) 64A 3-phase 400V 50Hz (22kW version)

Measurements connection cable
4mm - 25mm

Grounding
TT systems required to comply with section 722 of BS 7671: 2015

Energy meter
MID approved, suited for payments

Ambient temperature
-20°C to +40°C

Humidity
5% to 95%

Authorization
Plug & Charge RFID (NFC) Mifare 13,56, DESFire

Status information
Separate icons with LED per outlet or colour display

Communication
GPRS, TCP/IP

Communication protocol
OCPP 1.2 and 1.5

Communications smart meter
Pl. port



Physical Characteristics

Designed in accordance with
IEC 61851-1 (2010) and IEC 61851-22 (2001) Renault Z.E. Ready guidelines

Ingress Protection Rating
IP54

Installation instructions
IEC 61851, NEN 1010

Casing
Sheet Moulding Composite (SMC) fibreglass reinforced

Access
Through mounting on the rear side

Dimensions
590 x 338 x 230 (LxWxD)

Mounting
Wall mount or installation on a pole

Standard colour
Front RAL9016 (Traffic white) Rear RAL7043 (Traffic grey)

Options
Display, pole and base, single user version, standalone or connected to a back office

