



# ICU Eve™

ADVANCED CHARGING STATION  
FOR ELECTRIC VEHICLES

The ICU Eve is the newest charging station in the complete range of charging solutions from Alfen. The Eve has a futuristic design, is suited for two users and offers the latest technology and functionality in charging stations 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: 22 kW
- Support of various back office systems

## ICU Eve

The housing is composed of a very strong composite material. Therefore the ICU 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 ICU Eve is equipped with an RFID reader and can optionally be fitted with a graphic color 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 newest ICU is built according to the mode 3 protocol and complies with all relevant international standards. By choosing the ICU Eve, you are choosing a highly safe and reliable charging station.

## Specifications

Charging capacity per outlet	11kW (400V, 16A), 22 kW (32A, 400V)
Charging mode	Mode 3, Z.E. Ready 1.2
Socket	EV-Plug Type 2, IEC 62196-2
Isolator switch	4-poled 80A 400V
Distribution circuit connection	40A 3-phase 400V 50Hz (11kW version) 64A 3-phase 400V 50Hz (22kW version)
Measurements connection cable	4mm <sup>2</sup> - 25mm <sup>2</sup>
Grounding	TN-system: PE-wire
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 color display
Communication	GPRS, TCP/IP
Communication protocol	OCPP 1.5
<b>Physical characteristics</b>	
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) fiberglass reinforced
Access	Through mounting on the rear side
Dimensions	590 x 338 x 230 (LxWxD)
Mounting	Wall mount or installation on a pole
Standard color	Front RAL9016 (Traffic white) Rear RAL7043 (Traffic grey)
Options	Display, pole and base, single user version, standalone or connected to a backoffice

Any changes and / or printing errors explicitly reserved.

