

ICU Compact™

VERSATILE CHARGE POINT
FOR ELECTRIC VEHICLES

The ICU Compact is a versatile and innovative charging point by Alfen, extremely suitable for the EV driver who requires both ease of use and lots of functionalities.



Application

- Homes
- Companies
- Parking areas and garages

Characteristics

- Compact and robust housing
- Suitable for a wide range of applications
- Wall mounted or pole mounted
- Available with plug or fixed cable type 1 or 2
- Optionally available with an 8 meter long fixed cable

Properties

- Suitable for one simultaneous user
- Maximum charging capacity 22 kW
- Mode 3
- Support by management systems

ICU Compact

Despite its small size, the Compact features a number of advanced features and the charging facility can communicate with a management system. In addition, the cost of energy consumption can be settled simply and automatically with the ICU Compact.

The housing of the ICU Compact is completely in aluminium, making the charge point highly resistant to weather influences or vandalism. This makes the compact charging facility by Alfen suitable for a large range of applications, such as at home, at the office or in parking garages.

The Compact can be fitted with a socket or a type 1 or 2 fixed cable with the unique Plug & Charge principle. With Plug & Charge the cable only needs to be plugged into the vehicle to start charging. This makes recharging the electric vehicle extremely simple and user friendly. Using four icons with LED lights, the status of the charge point is easy to read at all times.

With the ICU Compact, you opt for advanced technology by ICU, simplicity in use and unrivalled reliability.

Specifications

Charging capacity per outlet	3,7kW (16A, 230V), 11kW (16A, 400V), 22kW (32A, 400V)
Charge mode	Mode 3, Z.E. Ready 1.2
Plug	EV-Plug, Type 2 IEC 62196-2
Number of outputs	1
CE certificate	Yes
Mains connection	25A 1-phase 230V 50Hz (3.7kW version) 25A 3-phase 400V 50Hz (11kW version) 40A 3-phase 400V 50Hz (22kW version)
Dimensions connection cable	4mm ² - 25mm ²
Earthing	TN system: PE cable
KWh measurement	Yes, MID-approved, suitable for billing
Ambient temperature	-20°C to +70°C
Humidity level	5% to 95%
Authorisation	Plug & Charge, RFID (NFC) Mifare 13.56 Mhz, DESFire
Status information	Separate symbols with LED
Communication	GPRS, TCP/IP
Communication protocol	OCPP 1.2 and 1.5
Physical properties	
Designed according to	IEC 61851-1 (2010) and IEC 61851-22 (2001) Renault Z.E. Ready guidelines
Ingress protection rating	IP54
Installation directives	IEC 61851-1, NEN 1010
Housing	Aluminium
Administrator access	Via bolts at the back
Dimensions in mm	330 x 200 x 120 (HxWxD)
Weight	6.3 kg
Mounting	Wall mounting or mounted on a pole
Standard colour	RAL 9016 (traffic white)
Optional	8 meter fixed cable

Any changes and / or printing errors explicitly reserved.

