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Description

The **Urban CCS** range is the perfect fast-charging solution for small, private settings. It can be installed on the wall or floor thanks to its two models (wallbox and post). This same compact and robust design is also present in its aluminium enclosure, suitable for all types of environments. The **Urban CCS** has a DC charging power of 25 kW, thus sidestepping the power limitation imposed by chargers on board electric vehicles with AC charging.

Application

The **Urban CCS** range has been developed to offer a fast-charging solution in environments where there is no high-power electrical infrastructure (small electric vehicle fleets, dealerships, carsharing companies, small private car parks, etc.) to improve the charging speed of electric vehicles without a major investment.

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Specifications

AC power supply

Input intensity	39 A
Power factor	> 0,98
Frequency	50 / 60 Hz
Type of network	3Ph + N + GND
Nominal voltage	400 V ~ (± 10 %) (480 V ~ bajo demanda)

Electrical characteristics

Surge protection (DSP)	Optional
Overcurrent protection	MCB curve C (50 A)
Cable: Connector type	CCS Combo 2 (5.5-m cable length)
Max. output intensity (A)	0 ... 70 cc
Charging mode	Mode 4
No. of charges	1
Max. output power (kW)	25 (cc)
Efficiency	94%
Voltage	150 ... 920 Vdc

Mechanical characteristics

Size (mm) width x height x depth	479 x 1750 x 288 (mm)
Envelope	Aluminium & ABS
Noise	< 55 dB
Weight (kg)	75

Environmental characteristics

Protection class	IP 54 / IK10
Relative humidity (without condensation)	5 ... 95 %
Storage temperature	-40 ... +60 °C
Working temperature	-35 ... +45 °C

Standards

Certifications	CE
Electrical safety, Installation category	CAT III 300 V
Standards	IEC 61851-1, IEC 61851-23, IEC 61851-21-2, CE / Combo, DIN 70121, ISO 15118, MID: Class 1 - EN 50470-3

Electrical safety

Insulation	Double-insulated electric shock protection class II (IEC 61010)

User interface



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LED	RGB color charge indicator

Features / performance

Heating and air conditioning unit	-35 ... +45 °C (Opcional)
Energy measurement	Meter for measuring alternating electrical energy according to UNE-EN 50470

Protection

Safety relay type (class)	RCD B

Output 1

Maximum current	70 A
Maximum power	25 kW
Voltage range	150-920 Vcc
Connector type	CCS Combo 2 (FF)
Network type	DC

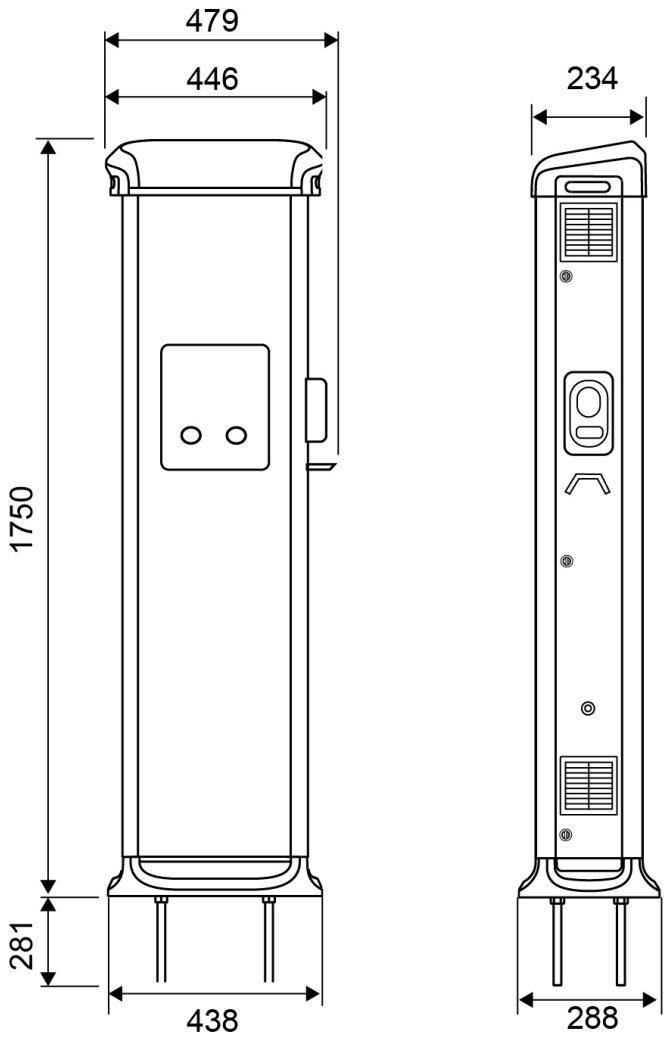
Physical Start/Stop buttons, Weight: 75 kg, IP54-IK10 aluminium casing, Dimensions: 1750 x 479 x 288 mm. 5,5-m cable length.

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Dimensions



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