



Saves Your Energy

Ensto Chago Station

Charging station for electric vehicles

Park and charge:

- at the workplace
- in parking garages
- at the side of the road
- in shopping malls
- at exercise locations
- in public transport park-and-ride facilities



EVC200
Dual charging station for ground mounting

A timelessly stylish and advanced solution for fast charging of electric vehicles.

Configurable charging station

Ensto Chago Station is a configurable solution for the charging of one or two electric vehicles. It is suitable for both normal (single-phase charging at 16 A) and fast (three-phase charging at 32A) charging.

The basic features of the Ensto Chago Station include the possibility of user identification, via either an RFID card or a mobile phone, and a data link to external information systems over a GPRS or RS485 connection. The other features of the charging station can be configured according to current needs.

Stylish design for demanding environments

The timelessly stylish appearance of the Ensto Chago Station is suited to different urban environments.

The charging station is made from durable materials, it is easy to clean, and acid-proof steel is used in its manufacture. It is especially suitable for demanding street side installations.

Safe and easy to use

Ensto Chago Station is safe and easy to use. There is a single-phase socket (16 A), a Mode 3 connector (3 x 32 A) complying with the IEC standard, or both, underneath an electrically locking protective hatch. In order for the charging to begin, the hatch must be closed. After charging has ended, a local display under the cover reports the amount of energy supplied.

A three-color LED indicator on the charging station shows the charging status. It also indicates any error situations.

Park-and-charge

Electric vehicles are 'fuelled' every time they are parked, and owners of electric vehicles require several charging stations along their daily routes. Offering an opportunity to charge one's electric vehicle is a clear competitive advantage for shopping malls, parking garages, and entrepreneurs, and it allows the generation of new business.

TECHNICAL INFORMATION

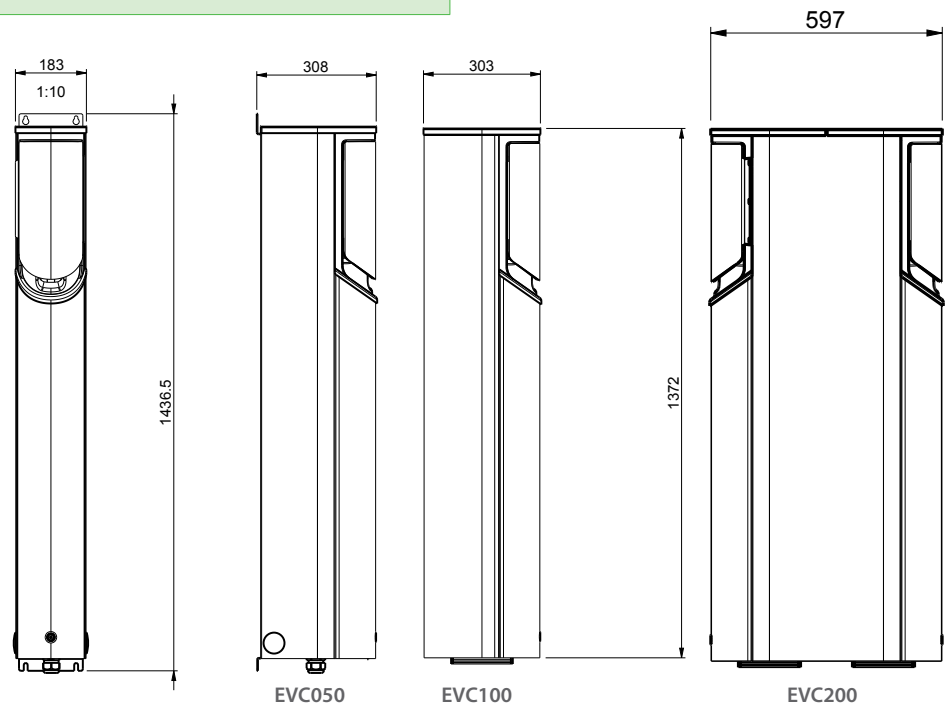
Connection to car	Alternatively: a) Mode 2 charging, 1 × Domestic socket (Type F, E, G) b) Mode 3 charging, 1 × Type 2 socket or 1 × Type 3 socket c) Mode 2 + Mode 3 charging, 1 × Domestic socket + 1 × Mode 3 socket
Energy measurement	Current transformers, optionally MID class kWh meter
Status indication	3 color LED signal light
Access control	Electric lock alternatively operated by - Key switch - RFID (ISO/IEC 14443A, ISO/IEC 15693) - Mobile phone (SMS, call) - Remote control (through communication interfaces)
Communication	GPRS, RS485
No. of simultaneous users	1 or 2 (EVC200)
Material / color	Acid proof steel, AISI 316 (optional painting in RAL color)
Enclosure class	IP44
Impact resistance class	IK10
Nominal voltage	230/400 V
Nominal current	16 A and/or 3 × 32 A
Nominal frequency	AC 50 Hz
Standard	IEC 61851-1, EN 61439-1, EN 61439-3
Supply connections	Cu 2.5 - 50 mm ² , Al 6 - 50 mm ²
Approval, markings	FI, CE
Operating temperature	-30 ...+50
Safety features	Over current protection (MCB) Residual current protection (RCD) Plugging and unplugging done unpowered All electric parts under vandal resistant hatch Break point in mounting flange Low control voltage 24 VDC
Optional features	MID class energy meter kWh display RCD autoreset RCD remote test Temperature sensor Tilt sensor Battery back-up (UPS) 3 × 63A assembly



EVC050
Single charging station
for wall mounting



EVC100
Single charging station
for ground mounting



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