



Charging pole eTwin CCS

The charging pole eTwin CCS provides 2 fast charging points in a single charging pole with a space-saving design.

The compact construction offers the possibility to arrange 2 fast charging points with up to 450 kW charging power each in one housing.

- Max. 2 x 450 kW CCS charging power
- 10" touchscreen for easier handling
- 2 x 3 m charging cable, optionally cooled for max. charging power
- 200 V up to 950 V DC charging voltage
- Communication with the backend via OCPP
- Payment function via credit card as an option
- Stainless steel housing, powder-coated
- Customized design on request

Charging pole eTwin CCS data sheet

The charging pole is connected to a power container and requires the connection possibility of at least two charging points. The charging pole is the link for the connection of the vehicle to be loaded. The charging pole fulfills the following functions:

- Communication with the vehicle and monitoring of the charging process
- Measuring of the energy volume charged (optionally compliant with calibration law) and transmission of account data to the backend
- Communication with the end customer via 10" touch display

The components mounted into the charging pole are located in a stable stainless steel housing on a massive concrete base which is vandalism resistant and weatherproof.



Electrical data

Nominal voltage	400 / 800 Vdc
Range	200 – 950 V
Nominal current	200 A / 500 A
Charging power	2 x 190 kW / 2 x 450 kW
EMC	EN 61000-6-2 EN 61851-21-2
Electrical safety	EN 62477-1
Electrical connections	
Input	- auxiliary voltage - 2 x power
Output	3 m CCS cable each charging point

Environmental conditions

Ambient temp. during normal operation	-25°C to 45°C
Relative humidity	5% – 95%
Operation altitude	up to 2000 m
Protection class	IP 44
Base	stainless steel on prefabricated concrete foundation
Dimensions	
Width	582 mm
Depth	372 mm
Height	1864 mm
Colour	
Column	RAL 9016 structure
Roof / door	RAL 7001 smooth

Communication

Charging controller per charging point IEC 61851-23 and DIN 70121, ISO 15118

Ethernet, RFID MIFARE, DC energy counter compliant with calibration law (accessory), OCPP