



Charging pole eMixed

The charging pole eMixed provides a combination of DC fast charging and conventional AC charging.

The two different systems integrated in one charging pole help each customer to find the right charging option for his e-vehicle. The simultaneous use of both charging technologies for charging two vehicles in parallel is possible.

- Max. 475 kW CCS charging power, AC charging via type 2 plug
- 10" touchscreen for easier handling
- 3 m DC charging cable (CCS), optionally cooled for max. charging power
- 200 V up to 950 V DC charging voltage
- Communication with the backend via OCCP
- Payment function via credit card as an option
- Stainless steel housing, powder-coated
- Customized design on request

Charging pole eMixed 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 DC	400 / 800 Vdc
Range DC	200 – 950 V
Nominal current DC	200 A / 500 A
Charging power DC	max. 475 kW
Nominal voltage AC	400 Vac
Nominal current AC	32 A
Charging power AC	22 kW
EMC	EN 61000-6-2 EN 61851-21-2
Electrical safety	EN 60664-1
Electrical connections	
Input	- auxiliary voltage - 2 x power
Output	- 3 m CCS cable - type 2 plug

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), OCCP