

Charger with Direct Payment

ECC400 CompactCharger

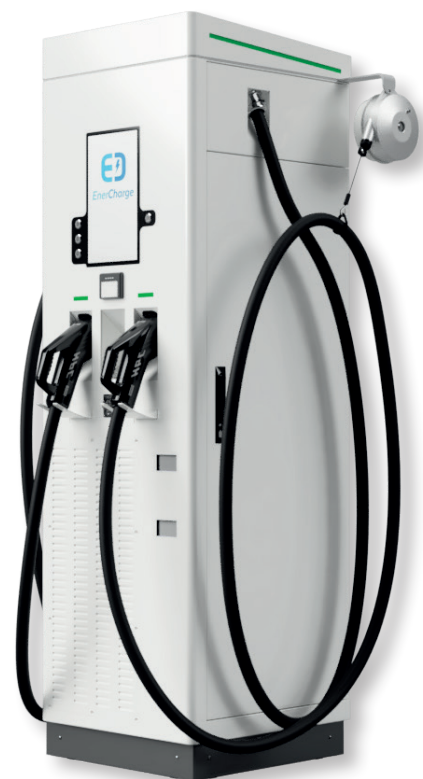
ECC400 CompactCharger by EnerCharge is an extremely compact DC fast-charging station with integrated AC/DC power electronics for charging current and next generation e-vehicles. Payment and billing take place **directly at the charger**.

Trendsetting Charging

- › The ECC400 CompactCharger (Single/Dual) charging station is an extremely compact DC fast-charger with integrated AC/DC power electronics. The ECC400 CompactCharger is connected to the AC mains depending on the charging power and the AC/DC conversion takes place within the charger. In addition to quick and easy installation, the ECC400 also scores with low operating costs, for example thanks to uncooled CCS charging cables.
- › The ECC400 CompactCharger allows maximum flexibility in setup and charging power. A single version (1x CCS) or a dual version (2x CCS) are available on request. The maximum charging power is freely selectable from 40 to 400 kilowatts. The charging voltage (150 to 1000 V_{DC}) is compatible with next-generation e-vehicles.
- › The intuitive and customer-friendly operation and the revolutionary direct payment with debit card, Maestro, Girocard, credit card, NFC, etc. happen directly at the 15.6-inch high-resolution display. Also contactless payment via Bluetooth or via smartphone app is possible. Additionally, advertising videos can be played as an added value for the operator.

The Advantages at a Glance:

- › DC charger with integrated AC/DC power electronics. Individually selectable charging power:
Single: min. 40 to max. 400 kW
Dual: min. 80 to max. 400 kW
- › Quick and simple installation.
- › Very compact layout.
- › Dynamic energy management for minimal charging time.
- › High-resolution **15.6-inch front display** for user guidance and direct payment.
- › Dual: Parallel charging of 2 e-vehicles with **max. 200 kilowatts**.
- › **Stand-alone** capability - no backend costs.
- › **Direct payment with NFC-capable devices** via e.g. GooglePay and ApplePay, Further payment methods are added continuously.
- › Free-standing charger with **integrated payment module** for debit, credit and customer cards.
- › Debit cards and Girocards usable as customer cards.
- › Optional: with **cable pull for charging cable**: usable cable length = 4.8 meters.



ECC400 CompactCharger

Innovative Direct Payment

- › Payment as easy as your daily shopping: EnerCharge means maximum payment comfort for your customers. Payment via one of the many options is simple and safe – without ties and memberships.
- › The payment happens directly at the compact charger ECC400.

Your customers pay with:

- › Debit- and banking cards:



- › Credit cards:



- › Fleet- and customer cards:



ECC400 CompactCharger

- › DC charger with integrated AC/DC power electronics. The maximum charging power is individually selectable up to 400 kilowatts. In addition, the charger is available in a Single or Dual version.

Single DC:
40-400 kW

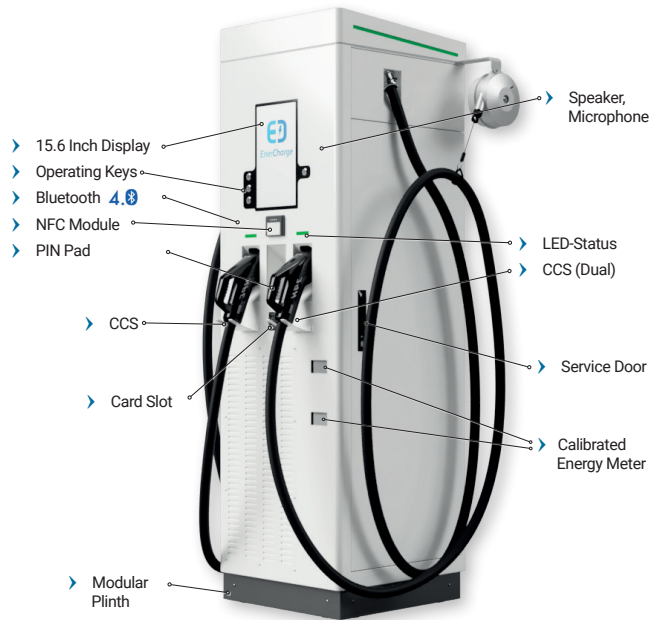


Dual DC:
80 to 400 kW

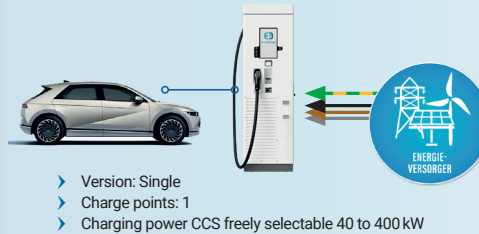


Fundable

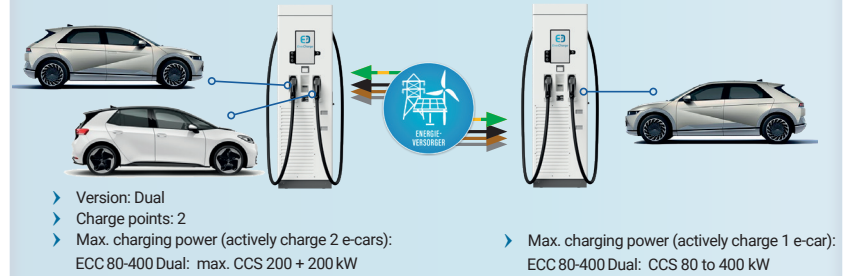
- › The ECC400 CompactCharger is compatible with the requirements of the „Deutschlandnetz“ (German charging network) tender!



Layout ECC400 CompactCharger Single:



Layout ECC400 CompactCharger Dual:



Features	40 to 400 kW Single	80 to 400 kW Dual
Function	DC charge point with integrated AC/DC power electronics for e-vehicles with CCS charging socket	
Housing	Robust Design (IP54/IK10)	
Status Info	Via 15.6 Inch Display, via Online Access	
Connection Type	1x CCS Combo-2	2x CCS Combo-2
Charging Voltage	DC	
Max. Charging Current	max. 500 A	
VDC max.	150 - 1000 V _{DC}	
Integrated AC/DC Power Units	1 to 10 Modules Type2	2 to 10 Modules Type2
Charge points	1 (Single*)	2 (Dual**)
No. of Charging Cables	1	2
Usability	Easy, accessible	
Payment Types for Direct Payment:	Debit and credit cards, Girocard via PIN pad, contactless payment with RFID, NFC for GooglePay and ApplePay, membership cards, discount cards, fleet cards, Bluetooth via EnerCharge app, mobile payment.	
Display	Simple, intuitive user interface, tariff display, advertising insertions and provision of receipts	
Charging Cable CCS Combo-2 without Fluid Cooling:	Yes	
User-Friendliness	★★★★★	
Communication Standard	OCPP V2.0.1 (Open Charge Point Protocol)	
Cable Length	Fixed (3.5 meters) or Cable Pull (4.8 meters)	
Temperature Ranges	Environment/Storage/Interior Temp.: - 25 to +45 degrees Celsius	
Dimensions	H/W/D: 1.980 / 730 / 735 mm	
Weight	Housing: approx. 200kg +40 kg per 40kW module	
AC/DC Power Unit	Charging power per module = 40 kW	
Commissioning	Remote activation by EnerCharge (no on-site appointment necessary)	
Operator Portal	Location-independent self-management via online access	

* S = Single: One e-vehicle per charger can be charged.

** D = Dual: The simultaneous charging of two e-vehicles is possible (parallel charging). The power electronics adjust the charging power automatically. Ex.: 1 vehicle = max. 400 kW, 2 vehicles = 2 x 200kW.

