

# Charging Station with Direct Payment

## DC FastCharger 60 - 480 kW PowerUnit 60/120/180/240 kW

The DC FastCharger is EnerCharge's flagship with up to 480 kW charging power.  
Payment and billing are carried out **directly at the charging station.**

### Visionary Charging

- > The DC FastCharger is a compact fast-charger, available in Single (1 DC outlet) or Dual (2 DC outlets) versions. The DC Fast Charger is connected to the compact Power-Unit which supplies direct current to the charging station.
- > The combination DC FastCharger and Power-Unit allows for flexibility during set-up. For example: two Power-Units Single and a DC FastCharger Dual combine for a maximum charging output of 480 kW. On requested, the DC Fast Charger offers 2x CCS or 1x CCS/1x CHAdeMO plugs.
- > The intuitive and customer friendly operation and revolutionary direct payment happen easily and quickly, directly through the high-resolution 15,6 inch display with Debit-, Maestro, Girocard, NFC and more. Contactless payment though Bluetooth is available as well. As an additional value, videos can be played for advertisement purposes.

### The Advantages at a Glance:

- > Modular scalability for charging of next-generation electric cars.
- > Dynamic energy management to minimise charging time.
- > High-resolution **15.6 inch front display** for user guidance and direct payment.
- > Two direct current (DC) charging connections - in total up to 480 kW:  
**CCS up to 480 kW @1000 VDC**  
CHAdeMO up to 62,5 kW
- > Cable alternatively:  
**250 A / 400 A uncooled or 500 A cooled**  
**2,6 m or 4,4 m length**
- > Advertising can be displayed.
- > No backend costs.
- > **No required memberships** or obligations.
- > Direct payment with NFC-capable devices via e.g. Google-Pay and Apple-Pay. Additional payment methods are added continuously.
- > Standing charging station with **integrated payment module** for debit, credit and customer/loyalty cards.
- > Debit and girocards can be used as customer cards.
- > Makes up to 8 AC-Chargepoints billable and controllable



### Innovative Direct Payment

- > Payment as easy as your daily shopping trip: EnerCharge means maximum payment comfort for your customers. Payment is easy, versatile and secure – no memberships or binding obligations.
- > The payment is carried out directly at the charging station DC FastCharger

Your customers can pay with:

- > Debit and bank cards:
- > Credit cards:
- > Fleet cards:

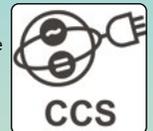
### PowerUnit 60/120/180/240 kW

- > The PowerUnit provides DC power to the DC FastCharger. The distance between the charging station and the PowerUnit must not be more than 50 metres. The PowerUnit is available in three power levels: 60/120/180/240 kW.



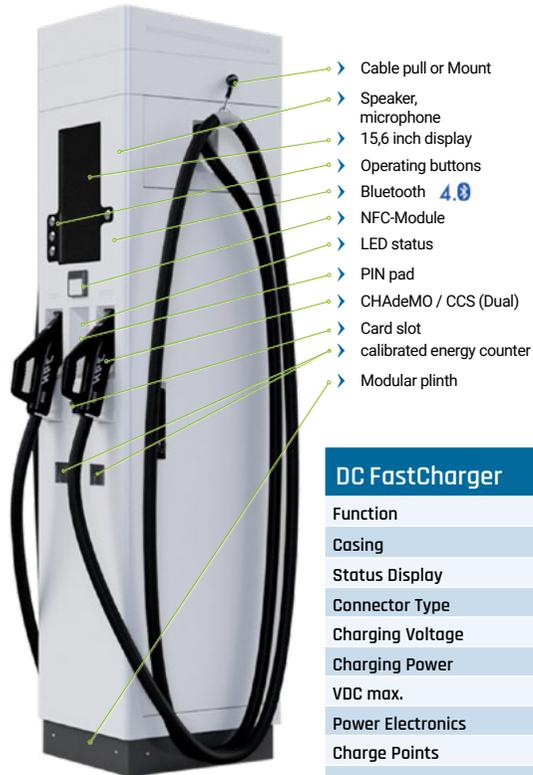
### 2x CCS with parallel charging

- > The DC FastCharger is also available in a version with parallel charging which is eligible for certain grants. In this version the DC FastCharger comes with 2 CCS charge plugs which can be used simultaneously to charge two electric vehicles at the same time.



Two versions are available:  
**V1: 2x CCS with 200A @1000VDC**  
**V2: 2x CCS with 350A @1000VDC**  
(cooled charging cable)

## Transparent Charging



- **Modular product and service solutions:** 100% flexible and future-proof.
- **Best end-customer service:** No obligations and maximum payment comfort.
- **Economical:** Fast profitability - no backend costs.



- Exemplary layout:  
max. 2x DC FastCharger 1x Power Unit (60/120/180/240 kW)

Power Unit	60 kW		120 kW		180 kW		240 kW	
Function	PowerUnit for DC FastCharger							
Casing	robust design (IP54/IK10)							
Voltage	DC	DC	DC	DC	DC	DC	DC	DC
Voltage Output	60 kW	60 kW	120 kW	120 kW	180 kW	180 kW	240 kW	240 kW
VDC max./min.	1000 VDC	500 VDC	1000 VDC	500 VDC	1000 VDC	500 VDC	1000 VDC	500 VDC
Outputs (DC)	1 (Single*)		1 (Single*)/2 (Dual**)		1 - 3		1 - 4	
Temp. Range	environment / storage / interior temp.: -25°C to +45°C							
Dimensions	H/W/D: 1600 mm / 1200 mm / 650 mm							
Weight	abt. 300 kg							
DC feed to charging station***	max. 95 mm <sup>2</sup> (500V - max. 50 m)		max. 185 mm <sup>2</sup> (500V - max. 50 m)		max. 300 mm <sup>2</sup> (500V - max. 50 m)		max. 300 mm <sup>2</sup> (500V - max. 50 m)	
AC feed line***	max. 50 mm <sup>2</sup> (500V - 50 m)		max. 150 mm <sup>2</sup> (500V - 50 m)		max. 300 mm <sup>2</sup> (500V - max. 50 m)		max. 300 mm <sup>2</sup> (500V - max. 50 m)	
Installation	max. 50 meters between PowerUnit and DC FastCharger							

DC FastCharger	60 kW (S*)		120 kW (S*)		180 kW (S*)		120 (D**)		180 (D**) / 360 (D**) / 480 (D**)	
Function	DC charge point for cars and trucks									
Casing	robust design (IP54/IK10)									
Status Display	via 15,6 inch display, via online access									
Connector Type	1x CCS	1x CHAdeMO	1x CCS	1x CHAdeMO	1x CCS	1x CHAdeMO	2x CCS	2x CCS	2x CCS	2x CCS
Charging Voltage	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC
Charging Power	60 kW	62,5 kW	120 kW	62,5 kW	180 kW	62,5 kW	2x 60 kW**	2x 90 kW**	2x 180 kW**	2x 240 kW**
VDC max.	1000 VDC	500 VDC	1000 VDC	500 VDC	1000 VDC	500 VDC	1000 VDC	1000 VDC	1000 VDC	1000 VDC
Power Electronics	Power-Unit (60/120/180/240 kW)									
Charge Points	1 (Single*)		1 (Single*)		1 (Single*)		2 (Dual**)		2 (Dual**)	
Operation	easy, accessible									
Communication standard	OCPP V1.6 (Open Charge Point Protocol)									
Payment Options	direct payment: debit card (EC card), credit card, via pin pad, contactless payment with RFID, NFC for GooglePay and ApplePay, member cards, discount cards, loyalty cards, Bluetooth with EnerCharge app, mobile payment									
Display	easy intuitive operation, display of tariffs, ads and receipt									
Charging Cable, fluid-cooled	no	yes	yes	yes	yes	yes	yes	yes	yes	yes
User-friendliness	★★★★★									
Cable Length	2,8 meters (mount) / 4,4 meters (cable pull)									
Temperature range	environment / storage / interior temperature: -25°C to +45°C									
Dimensions	H/W/D: 1.954 mm / 598 mm / 600 mm									
Weight	abt. 200 kg									
Power Connection***	DC feed: max. 300 mm <sup>2</sup> (500V - 50 Meter)									
Activation	Activation of the charging station online through EnerCharge (no local appointment necessary)									
Operator Portal	location independent, self-management via online access									

\* S = Single: one e-vehicle per charging station can be charged.

\*\* D = Dual: simultaneous charging of two e-vehicles is possible. The power electronics automatically adapt the charging power.  
 Ex.: 1 vehicle = 180kW/1000VDC, 2 vehicles = 2x90kW/1000VDC.

\*\*\* All information is supplied without liability - the exact calculation of the electrical lines must be done on site.