

The unique characteristics of the EnerCharge product range allows for simple and always transparent charge management for any fleet size and any mobility requirement, from e-bikes to busses and trucks. Maximum comfort in the daily usage of EnerCharge charging products is our standard of quality. This includes a transparent, NFC-compatible and, from regular refuelling familiar, payment process with all established giro-, credit-, EC- and fleet cards – all without registration necessary. The costs for every single charge are always in sight, thanks to pricing on the display and automated billing after charging.



Charge time with an average mileage of 20 kW / 100 km

10 kW	abt. 2 hr / 100 km
20 kW	abt. 1 hr / 100 km
100 kW	abt. 12 min. / 100 km
200 kW	abt. 6 Min. / 100 km

EnerCharge products span the whole spectrum of modern charging technology, from AC charging with 3,7 kW to DC-infrastructure with up to 480 kW charging power. Established standards like Type2, CCS Combo-2, CHAdeMO and Schuko are supported. Additionally, all DC charging stations are compatible with modern 800V-batteries for e-vehicles of the newest generation.

Recommended Application of EC-Products	Micro Mobility up to 50 km/h	Electric Bikes	Electric Cars	Light Commercial Vehicles	E-Busses and E-Trucks
eBike-Charger	✘				
AC-Charger		✘	✘	✘	✘
LRM16		✘	✘	✘	
LRM17		✘	✘	✘	
DCW20/40		✘	✘	✘	
DC FastCharger		✘	✘	✘	
DC CompactCharger		✘	✘	✘	
DC BusPillar250					✘

To allow for further flexibility, the EnerCharge product range offers the option to upgrade the external power unit (DC PowerUnit) or the CompactCharger EC320 after the fact, thereby increasing the charging performance as you need it. EnerCharge charge management also offers future-proofness with the optional possibility to upgrade the number of charge points at any time and without complications with both AC and DC chargers.

Features	LRM16 Star Power	LRM17 Open Park	LRM17 Easy Park	eBike-Charger	AC-Charger	DC Wallbox DCW20/40	DC FastCharger EC500 + PowerUnit	DC CompactCharger ECC320	DC BusPillar250
Charging Column	---	---	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Payment Terminal Parking Lot Management	Yes	Yes	Yes	---	---	---	Yes	Yes	---
Controllable External Charge Points (AC and DC)	Yes, max. 40 charge points	Yes, max. 40 charge points	Yes, max. 38 charge points	---	---	---	Yes, max. 8 charge points	Yes, max. 8 charge points	---
Charging Voltage (alternating current AC/ direct current DC)	external AC***	external AC/DC*	AC (AC/DC*)	AC	AC	DC	DC (AC/DC*)	DC (AC/DC*)	DC
Max. Charging Capacity (Kilowatt)	44 kW	44 kW	44 kW	3,7 kW	44 kW	40 kW**	480 kW	320 kW	240 kW
Charging Capacity upgradeable (Optional)	---	---	---	---	---	Yes	Yes****	Yes	Yes****
Max. Charging Voltage	400 VAC	400 VAC	400 VAC	230 VAC	400 VAC	1000 VDC	1000 VDC	1000 VDC	1000 VDC
Charging Standards (Type2, CCS, CHAdeMO, Schuko)	external AC/DC*	external AC/DC*	2x Type2 (AC) + external AC/DC*	Schuko	Type2 (AC)	CCS Combo-2	CCS Combo-2, CHAdeMO	CCS Combo-2, CHAdeMO	CCS Combo-2
Cable Length (metres)	n.a.	n.a.	n.a. (charging socket)	n.a. (charging socket)	Model with cable: 2,2 metres	4 metres	3 or 4,8 metres	3,5 or 4,8 metres	5 to 8 metres
Cable Control	---	---	---	---	---	---	Yes	Yes	Yes
Compatible with 800V battery	Yes*	---	Yes*	---	---	Yes	Yes	Yes	Yes
Billing Options (minutes, kWh, flat rate)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Automated Billing	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Internet-Connection (LAN, LTE-Module)	LAN, LTE-Module	LAN, LTE-Module	LAN, LTE-Module	LAN	LAN, LTE-Module	LAN, LTE-Module	LAN, LTE-Module	LAN, LTE-Module	LAN, LTE-Module
LED Status Display	---	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Status Display with Analogue Buttons	Yes	Yes	Yes	---	---	---	Yes	Yes	---
Touchscreen Display	---	---	---	---	---	Yes	---	---	Yes (optional)
Status Display	---	---	---	---	Yes	---	---	---	---
Labeling Before Charging (via Display)	Yes	Yes	Yes	Yes (via LRM16/LRM17/DC FastCharger/ECC320)	Yes	Yes	Yes	Yes	Yes
ad-Hoc Charging	Yes	Yes	Yes	Yes (via LRM16/LRM17/DC FastCharger/ECC320)	Yes (via LRM16/LRM17/DC FastCharger/ECC320)	Yes	Yes	Yes	Yes
Payment with EC-/Giro-/Credit Cards	Yes	Yes	Yes	Yes (via LRM16/LRM17/DC FastCharger/ECC320)	Yes (via LRM16/LRM17/DC FastCharger/ECC320)	Yes	Yes	Yes	Yes
Payment with Fleet-/Customer Cards	Yes	Yes	Yes	Yes (via LRM16/LRM17/DC FastCharger/ECC320)	Yes (via LRM16/LRM17/DC FastCharger/ECC320)	Yes	Yes	Yes	Yes
NFC-Card Reader	Yes	Yes	Yes	Yes (via LRM16/LRM17/DC FastCharger/ECC320)	Yes (via LRM16/LRM17/DC FastCharger/ECC320)	Yes	Yes	Yes	Yes
PIN-Pad/Card Slot	Yes	Yes	Yes	Yes (via LRM16/LRM17/DC FastCharger/ECC320)	Yes (via LRM16/LRM17/DC FastCharger/ECC320)	Yes	Yes	Yes	---
Payment on the Charging Column without Smartphone	Yes	Yes	Yes	Yes (via LRM16/LRM17/DC FastCharger/ECC320)	Yes (via LRM16/LRM17/DC FastCharger/ECC320)	Yes	Yes	Yes	Yes
Payment without App Installation	Yes	Yes	Yes	Yes (via LRM16/LRM17/DC FastCharger/ECC320)	Yes (via LRM16/LRM17/DC FastCharger/ECC320)	Yes	Yes	Yes	Yes
Payment without Registration	Yes	Yes	Yes	Yes (via LRM16/LRM17/DC FastCharger/ECC320)	Yes (via LRM16/LRM17/DC FastCharger/ECC320)	Yes	Yes	Yes	Yes
Emergency Stop Button	---	---	---	---	---	---	Yes (optional)	Yes (optional)	Yes (optional)

* Control of external Charge Points (AC or DC) possible. See column „Controllable External Charge Points“ for maximum amount. Control of AC (Type2) and DC (CCS/CHAdeMO) Charge Points possible.

** With external power unit (DC PowerUnit) up to 200 kW charging capacity possible.

02.23v5EN

*** With integrated load distribution. LRM16 can connect up to 12 AC Charge Points.

**** Increase of charging capacity through upgrade of external power unit (DC PowerUnit) possible.