

# Charge Point AC Charger

The compact AC Charger supports the **Type 2** standard. Available as stand-alone solution or with billing through one of our payment terminals. Added extra: Direct payment using Bluetooth for customers and fleets.

## Customised and Powerful

- › The AC Charger is available with either a Type 2 connector or with a fixed Type 2 charging cable connection. The maximum AC-output of the slim stainless-steel post is 22 kW or 44 kW.
- › A high-resolution display with a customisable user interface guides the user through the simple charging process and a powerful LED display provides information about the status of the charging post.
- › The innovative direct payment by EnerCharge is conducted through the compatible payment terminals. For stand-alone charge points, payment is possible via Bluetooth or smartphone app. The standalone AC Charger can also be operated as a freely-accessible charge point with permanent clearance (free charging).

## The Advantages at a Glance:

- › AC charging station available with max. **22 kW** or max. **44 kW** charging capacity.
- › LED status display.
- › **Lucrative added value:** Advertising on the user screen effectively reaches the desired target audience and increases turnover for the operator.
- › Calibrated energy meter.
- › Optionally with Type 2 connector or with a fixed Type 2 charging cable.
- › Controlled by payment terminals or directly using Bluetooth.
- › Communication interfaces: Modbus RTU, Modbus TCP.
- › **Optional:** OCPP (Open Charge Point Protocol).
- › **1-phase or 3-phase** charging.
- › Integrated direct-current detection.
- › **Vandal-proof** stainless-steel housing.
- › RAL 9010 traffic white.
- › Optional: **Car detection sensors** and customised client design.



## Innovative Direct Payment

- › Payment, as easy and simple as your daily shopping: For your customer, EnerCharge means a maximum of payment comfort. Paying is easy, versatile and secure – without commitments or memberships.
- › Compatible payment terminals: LRM16 / LRM17 / EC500 / ECC320.

Your customers pay with:

- › Debit- and banking cards:
- › Credit cards:
- › Fleet- and customer cards:

## With the Power of Nature

- › Using a photovoltaic system increases profitability. Simply put: more sun = shorter charging time for customers and more profit for the operator.



## 100% flexibly into the future

- › The payment terminals LRM16 and LRM17 serve as head units and control all external charge points (AC Charger, DC Wallbox, KeContact Wallbox or compatible AC/DC products). Maximum of 40 charge points.



## Transparent Charging

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

## #BeEnerCharged

### Independent and powerful with maximum performance:

The high-quality product range provides compact and complete solutions with maximum flexibility thanks to modular design and software solutions.



Technical Data	AC Charger 22 kW	AC Charger 44 kW
Supply Line	min. 5 x 6 mm <sup>2</sup>	min. 5 x 16 mm <sup>2</sup>
Input Voltage	230/400 V <sub>AC</sub> ±10%	
Nominal Current	32 A	63 A
Nominal capacity	22 kVA	44 kVA
Required Fuse for Standalone Operation	FI/LS, 3P+N, C32, 30mA	FI, 3P+N, 63A, 30mA-LS, 3P+N, C63, Type A
Communication Interfaces	Modbus RTU / TCP / OCPP	
Communication via Bluetooth	optional	
Load Management	OCPP / Slave	
Temperature Ranges	Environment: -25°C to +50°C Storage: -25°C to +50°C Interior temp.: -25°C to +50°C	
Humidity (relative)	5 to 95% (non-condensing)	
Protection Class	I	
Overvoltage Category	III	
Degree of Contamination	III	
Calibrated Energy Meter European Measuring Instruments Directive 2014/32/EU	yes	
Installation Site and Type	inside / outside, floor-mounted on a concrete base	
Dimensions	H/W/D: 1.400 mm / 300 mm / 200 mm	
Weight	35 kg (socket) / 40 kg (charging cable)	
Power Connections	3P + N + PE	

Features	AC Charger 22 kW	AC Charger 44 kW
Function	AC car charge point	
Housing / Protection Class	AISI 304 stainless steel / IP44	
Status Information	LED, on the display, via online access	
Connection Type	1x Type 2 socket or charging cable	
Charging Capacity	3,7 - 22 kW	3,7 - 44 kW
Custom Design	optional	
Operability	easy, accessible	
Payment Types via Payment Terminal	Direct billing: Bank card (EC card), credit card, with PIN input field, contactless payment with RFID, NFC for GooglePay, ApplePay, membership cards, discount cards, advantage cards.	
Advertising	videos can be played, images can be customised	
Billing via Payment Terminal	Freely configurable pricing model: kilowatt hours (according to calibration standard), billing per minute, flat-rate billing, with or without basic fee.	
Compatible Payment Terminals	LRM16 / LRM17 / EC 500 / ECC320	
User-Friendliness	★★★★★	
Cable Length	2.2 metres	
Activation by EnerCharge	Online-activation of the charge point (on-site appointment necessary)	
Operator Portal	location-independent, self-management via online access	

### Custom Design

- The white base colour of the stainless-steel housing also enables individual company branding of the charging station.

