

# Payment Terminal

# LRM16 Star Power

On-the-go e-charging and payment as  
**simple and easy** as everyday purchases!

## Charging Management and Payment Point

- › LRM16 is the preferred system for e-charging car park operators. Within a high-grade stainless steel housing, it offers an integrated load distribution up to 132 kW with intelligent load management. The LRM16 Star Power manages up to 40 external charge points (AC and DC).
- › Another unique feature is the parking lot management for both combustion and electric vehicles. The LRM16 Star Power replaces regular parking ticket machines and is, thanks to a wall mounting option, ideal for parking garages.

## Innovative Direct Payment

- › Payment as easy and simple as your daily shopping. EnerCharge's direct payment with debit or credit cards allows for a maximum of payment comfort without commitments, roaming charges or memberships.

## Freely Configurable Pricing Model

- › The pricing model is easily customisable via a device-specific website.

## The Advantages at a Glance:

- › Payment and billing terminal with integrated load distribution for charge points.
- › **High-resolution 5"** front display.
- › Advertising can be played.
- › Leading charging technology with direct billing.
- › Stand-alone capability - no backend cost.
- › **Direct payment** with NFC-compatible devices via e.g. GooglePay or ApplePay. Additional payment methods are added constantly.
- › Free-standing charger with **integrated payment module** for bank, credit and customer cards.
- › A bank card or Girocard can be used as a customer card.
- › Integrated BUS interface for up to **40 external charge points**.
- › **Internal load management** of the freely configurable charging terminals: (max. 132 kW); E.g. 12 x 11 kW or 6 x 22 kW or 3 x 44 kW.
- › **Vandal-proof** stainless-steel housing.
- › Optional: **Dynamic load management** for main connection (e.g.: parallel feeding off of a photovoltaic system or existing charge profile management).



## Car Park Management for All

- › Electric, hybrid, diesel and petrol vehicles: EnerCharge manages car parks for companies, shopping centres and in towns or cities. Not every car park requires charge points, so LRM16/17 combines parking ticket machines with a modern charging solution.



## 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% Flexibility for the Future

- › The payment terminal LRM16 acts as head unit and manages all external charge points (AC Charger, DC24 Wallbox, KEBA Wallbox or compatible AC/DC products). Up to 40 charge points.



## Transparent Charging

- **Modular product and service solutions:** 100% flexible and future-proof.
- **The best customer service:** No obligations and maximum payment convenience.
- **Economical:** Fast 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.



Features	LRM16 Star Power
Function	billing terminal with energy distribution for up to 12 external charge points
Housing	high-grade stainless steel (AISI 304) painted white, durable, vandal-proof
Status Information	on the display, via online access
Payment Types	Direct billing: Bank card (EC card), credit card, with PIN input field, contactless payment with RFID, NFC for GooglePay and ApplePay, membership cards, discount cards, advantage cards, Bluetooth via the EnerCharge app, mobile payment.
Visual Display	Easy, intuitive user guidance, rate display, advertising and invoicing.
Pricing Transparency	rates displayed on the screen before charging starts
Running Costs	Very low: no backend provider required, durable materials, free selection of the energy provider, no obligations.
Operator Security	Illuminated PIN input field with integrated privacy screen, anti-glare screen for easy reading even in direct sunlight.
Billing	Freely configurable pricing model: kilowatt hours (according to calibration), billing per minute, flat-rate billing, with or without charging basic fees.
User Services and Communication	live data, online access, invoice
Charging Status for Users	charging status, parking duration, current costs, stop charge remotely
Parking Lot Management	yes, add. billing of parking tickets
Dyn. Load Management of the CP	integrated
Dynamic Feed-in Management (e.g. of a photovoltaic system)	optional
Communication	2 x SIM cards, WLAN and LAN Internet
Can be Updated	yes
Flexibly Expandable	yes
User-Friendliness	★★★★★
Platform for customers	included
Activation through EnerCharge	Activation of the charging station online (no local appointment necessary)
Operator Portal	location independent, self-management via online access

Technical Data	LRM16 Star Power
Nominal Voltage	230/400 V <sub>AC</sub> ±10%
Nominal Current	200 A
Nominal Frequency	50 Hz
External Charge Points	can be freely selected (depending on the ext. charge point)
Integrated Load Distribution	132 kW
Max. Number of Connectable Charge Points with Integrated Load Distribution	12 x 11 kW or 6 x 22 kW or 3 x 44 kW
Number of Connectable Charge Points	40 (with external load distribution)
Communication with the Charging Stations	Ethernet, Modbus RTU
Communication Standard	OCPP V1.6 (Open Charge Point Protocol)
Custom Layout	optional
Temperatur 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
Housing Protection Class	IK10, IP44
Degree of Pollution	III
Installation Site / Type	indoors / outdoors wall mounting / floor mounting
Dimensions	H/W/D: 1,790 / 447,5 / 297 mm
Weight	abt. 75 kg
Power Connection	3P + N + PE
Supply Line	max. 5 x 70 mm <sup>2</sup>

## Customised Design

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

