

The new, easy way,
charging e-bikes



Charging station LINE for e-bikes and e-cars

model	dimensions W x H x D	weight	tension	electricity	protection
L1B for 1 e-bike	300 x 225 x 110 mm	4 kg	230 V ~ 50 Hz	10 - 16 A	III safety extra-low voltage
L1C for 1 e-car	300 x 225 x 110 mm	4 kg	400 V 3N~ 50 Hz	16 - 32 A	I ELCB not integrated (factory-made)
L3B for 3 e-bikes	1665 x 274 x 110 mm	25 kg	230 V ~ 50 Hz	10 - 16 A	III safety extra-low voltage
L2B1C for 2 e-bikes + 1 e-car	1665 x 274 x 110 mm	25 kg	400 V 3N~ 50 Hz	16 - 32 A	I ELCB not integrated (factory-made)

Faster charging WITHOUT home charger

Electronics + charging e-bike:

- Programmable U-I source with preparation for EnergyBus (CAN open)
- Per channel 15 - 55 VDC, 0 - 6 A, max. 330 W
- Magnetic coupling bushings

The intelligent charging cable charges all popular e-bike brands without a home charger. The battery is protected by the optimally recognized charging power and can be charged up to 2 times faster.

Docking system e-bike:

RoPD System-C is part of the modern safety magnetic coupling.
For highest security you are docking instead of plugging to the station.
If there is a jerky strain, the adapter will disengage instantly.

Charge e-car and e-bikes at one station at the same time

Electronics + charging e-car:

- Typ2 plug for charging in mode 3
- Earth Leakage Circuit Breaker (ELCB) not integrated (factory-made)
- Charging power 11 - 22 kW standard (16 - 32 A protection) adjustable

Docking system e-car:

Typ2 plug for charging in mode 3
or Typ2 charging on a spiral cable (T2SS) instead of the plug

All charging stations:

- Impact-resistant plastic housing wrapped with printed foil, incl. protective laminate
- Display (2 x 16 signs per channel)
- UV weather resistant

Expandabilities:

- USB plug 2000 mA (USB5)
- Up to 3 safety socket 230 V (SSD1)
- Backplane wall fastening (RWL1) or freestanding (RWL2)
- Bike rack (FS10)

Regulation: IEC62196, EN60950, EN55022

Protection: IP54

Certification: CE, TÜV

Assembly:

- Wall fastening
- Free standing with positioner LA11 for models L1B + L1C (W 330 x H 1240 x D 310 mm, ground plate W 330 x H 310 x D 30 mm), material: stainless steel, RAL 7016 „anthracite grey“
- Free standing with positioner LA10 for models L3B + L2B1C (2 stilts, H 1230 mm, pedestal length 720 mm)
- Big backplane for models L3B, L2B1C (W 1660 x H 2000 mm), aluminium boards incl. frame construction D 20 mm (RWL1) / D 80 mm (RWL2), digital printing with laminate, pre-build for fastening the LINE-charging station and for wall fastening (RWL1) or incl. pedestals on flange plates H 30 mm (RWL2)
- Small backplane for models L3B, L2B1C (W 1660 x H 600 mm), aluminium boards D 3 mm digital printing with laminate one-side (RWL3) oder both sides (RWL4)

Detailed operating information and assembly instruction are enclosed with each device.

Connection:

Charging stations will be delivered ready for connection and must be connected to the 230 / 400 V network by an authorized electrician.

Delivery:

Cardboard packaging,
via a forwarding agency or package service

