

Data Sheet

LDC.44-1000

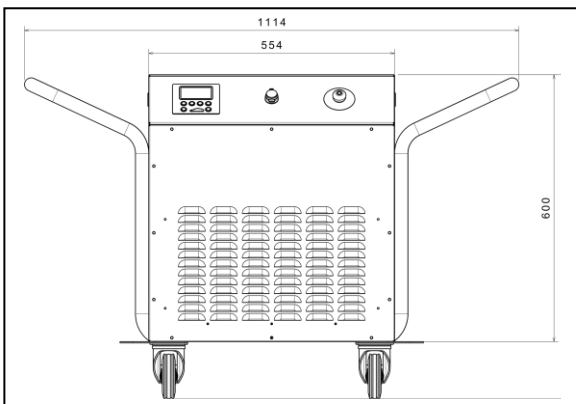
PN: 22103166

Brief Description

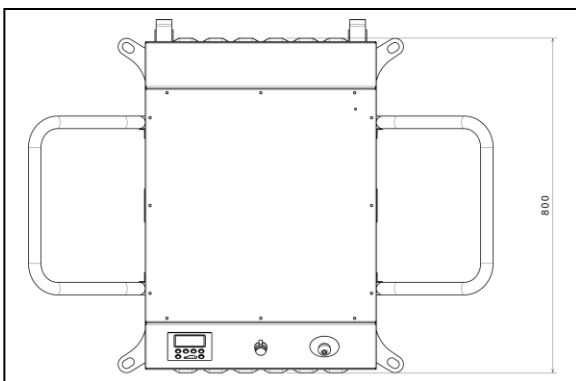
Mobile DC charger for charging battery-electric vehicles equipped with a CCS charging connection of type 2.



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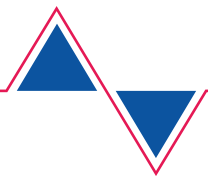
Front view



Top view

Characteristics

- ▲ Max. charging power 40 kW
- ▲ Max. charging voltage 1000 V
- ▲ Compatible with all common battery-electric vehicles equipped with a standardized charging connection
- ▲ Handle design:
 - ▶ Convenient cable management
 - ▶ Comfortable moving
 - ▶ Lifting when required
- ▲ Mobile design with lockable castors
- ▲ Robust and easy-care housing
- ▲ Extensive measurement data and status information including energy meter
- ▲ Easy-to-read display in all lighting conditions
- ▲ Status indication
 - ▶ Battery charge level
 - ▶ Remaining charging time
 - ▶ Charge power
- ▲ Setting options
 - ▶ Charge power
 - ▶ Start time (timer)
 - ▶ Maximum battery charge (SOC)
- ▲ Optional features
 - ▶ Remote access via **STODIAFLEET**
 - ▶ OCPP interface
 - ▶ Authentication via RFID or Vehicle ID



Technical Data

Charge interface	„Mode 4“ with CCS connector „Type 2“ IEC 62196-3
Charging voltage	200-1000 VDC
Max. charging power	40 kW DC (if Voltage greater 266 VDC)
Max. charging current	150 ADC (if Voltage greater 200 VDC)
Cable length	Charging cable: 5 m / power cable: 5.5 m
Power Supply	323-437VAC 45-65Hz 44kW
Grid Connection	Connector CEE 63 3P/N/PE 400V IEC 60309
Power Factor	>0.99 (Load greater 50%)
Degree of protection	IP54
Protection class	1
Cooling	Forced air cooling
Operating noise	< 68 dB(A)
Efficiency	> 95%
Operation	Illuminated transfective display with membrane keypad
Dimensions [HxWxD]	750 mm / 1120 mm / 800 mm
Weight	~140 kg (including cables)
Housing	Metal, powder coating
Conformity	CE

Environmental Conditions

Operating temperature range	-25°C to 40°C (storage: -20°C to 60°C)
Altitude above sea level	Max. 2000 m
Humidity	Max. 80% at up to 31°C, linearly decreasing to 50% at 40°C.
Condensation:	Not permitted. Maximally permitted relative humidity of 60% in presence of corrosive gases/air.

Contact:

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Technical state at the time of printing.

Technical changes reserved.

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