MOBILE CHARGING STATION BASIC

FOR CHARGING ELECTRIC AND HYBRID CARS | ITEM NO.: 5555921000

TYPE 2, MODE 2 CHARGING CABLE, CEE max. 32A up to 22 KW, 3-phase, 6m

THE MOBILE CHARGING STATION BASIC FROM LAPP is specially designed for mobile use as a home charging station or as an emergency charging cable on the road. Connected to a industrial socket, electric and plug-in hybrid cars can be charged easily and safely anywhere. The charging cable with control box (IC-CPD) is connected directly to the mains and performs important overcurrent, overtemperature and other protective functions.

ADVANTAGES AT A GLANCE

- Home charging station and mobile emergency charging cable for use with standard industrial sockets
- 100% user-friendly. Simply plug in. Current does not need to be adjusted.
- The charging procedure is automatic and ends as soon as the battery is fully charged
- Ergonomic solid connector/coupling design
- Complies with all relevant VDE and IEC product requirements
- Robust design
- Control box protection type IP67
- Rollover safe

ELECTRICAL DATA

- Nominal voltage range 110-240V
- Nominal current 32A
- Frequency 50-60 Hz
- Fault current circuit breaker (RCD) ≤ 30mA AC; ≤ 6 mA

KEY FEATURES

- Robust and fall protected housing design with additional bonding PA6-GF25 with 4-6mm wall thickness
- Mounting hook on housing
- Housing with LED status indicator
- Housing with sealing membrane for pressure compensation
- Also available with country-specific power connectors (type G, J, K, I)

SAFETY FUNCTIONS

- Self-test on start
- Leakage current detection
- Charge monitoring with communication to vehicle
- Protective conductor monitoring (not on IT version)
- Relay monitoring
- Overcurrent detection
- Over and undervoltage detection
- IC-CPD temperature monitoring
- Power connector temperature monitoring (country-specific)
- Control box protection type IP67
- Rollover safe
- Fall protection
- Halogen-free
- Flame-retardant
- Oil-resistant
- Ambient temperature -25°C to +45°C

INCLUDED IN DELIVERY

- Mode 2 charging cable, ICCB control box, shockproof connector, type 2 coupling
- IEC 62752 certified by VDE
- Multi-language operating instructions

TECHNICAL INFORMATION

- Electrical equipment for electric vehicles design in compliance with IEC standards, charging system for electric vehicles (IEC 61851-1)
- In-cable control and protection device (IEC 62752)
- Power connector CEE 32 A
- Vehicle connector (IEC 62196)
- Charging mode 2
- Protection type IP44
- Transmission of charging currents up to 32A. This allows charging procedures up to 22 kW
- Total length: 6m
- Weight 2.65kg
- Control box dimensions (ICCB): 320 x 124 x 84mm

LAPP

DATA SHEET

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Cable properties

Cable design	Smooth
Cable construction	ÖLFLEX® CHARGE 3G 2.5mm²+0.5
Cable designation	LAPP Kabel Stuttgart ÖLFLEX® CHARGE EVC 750/450 VAC EN 50620
Cable colour	Basalt grey
Cable construction	PP extruded D 10/mains cable D 9.7mm +/- 0.30mm

Connector/coupling

Type 2 coupling	Power contacts (L1, L2, L3, N, PE) 240V-415V
Shockproof EF type connector	Contacts (L1, L2, L3, N, PE) max. 415V AC protection type IP44
Coupling signal contacts	2A (CP, PP) 30V DC
Coupling contact surface	5-6µm Ag-coated
Isolation voltage	500V
Coding resistor between PP and PE	220 Ohm +/- 1%;1W
Contact resistors	Improved electrical design due to additional soldering
Connector/coupling design	Design line
Connector/coupling materials	Hard component PA
Coupling logo	LAPP e-Mobility
Type 2 coupling cap	Protective cap with Velcro
Maximum charging current	32A 3ph AC
Coupling colour	Orange/black

General properties

Coupling protection type	IP44 with protective cap IP24 without protective cap
Coupling standard	IEC 62196-1; IEC 62196-2
Approvals	VDE certified and CE compliant
Directives	2014/35/EU (Low Voltage Directive), 2011/65/EU (RoHS) and 2015/863/EU. IEC 61851, IEC 62752

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