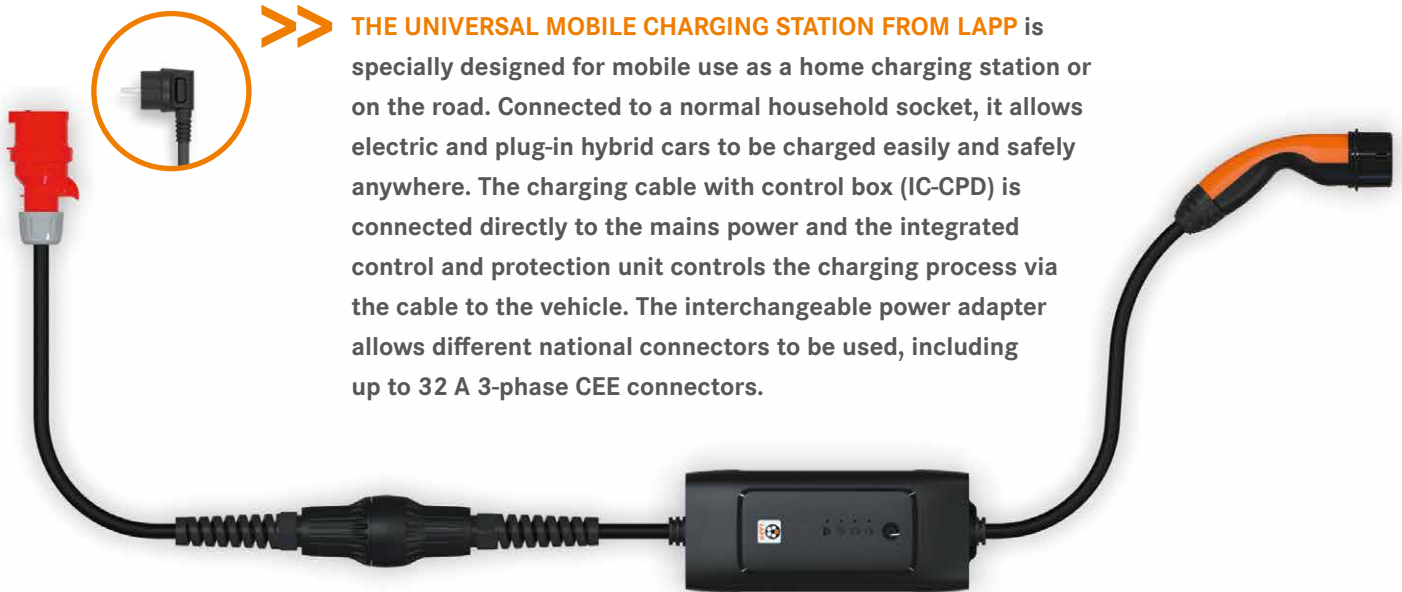


# UNIVERSAL MOBILE CHARGING STATION

TYPE 2, MODE 2 CHARGING CABLE, CEE MAX. 32 A UP TO 22 KW, 3-PHASE + SHOCK-PROOF PLUG | ITEM NO.: 5555924002, FOR CHARGING ELECTRIC AND HYBRID CARS



**>>> THE UNIVERSAL MOBILE CHARGING STATION FROM LAPP** is specially designed for mobile use as a home charging station or on the road. Connected to a normal household socket, it allows electric and plug-in hybrid cars to be charged easily and safely anywhere. The charging cable with control box (IC-CPD) is connected directly to the mains power and the integrated control and protection unit controls the charging process via the cable to the vehicle. The interchangeable power adapter allows different national connectors to be used, including up to 32 A 3-phase CEE connectors.

## ADVANTAGES AT A GLANCE

- Home charging station and mobile emergency charging cable for use with standard household sockets and industrial sockets
- 100 % user-friendly. Simply plug in. No current adjustment or other complicated configuration necessary
- The charging process is automatic and ends as soon as the battery is fully charged.
- Ergonomic, solid connector/coupling design with interchangeable mains adapters
- Certifies: Complies with all VDE and IEC requirements (VDE certified to DIN EN 62752:2017)
- Robust design
- Control box protection type IP67
- Robust and fall protected housing design with additional bonding
- Rollover safe
- Eyelet on housing for hanging up
- Pressure compensating element

## SAFETY FUNCTIONS

- Self-test on start
- Leakage current detection
- CP communication with vehicle in compliance with IEC 61851
- Protective earth monitoring (not on IT version for Norway)
- Relay monitoring
- Overcurrent detection
- Over and undervoltage detection
- IC-CPD temperature monitoring
- Household connector temperature monitoring (country-specific)
- Derating function
- Control box protection type IP67
- Rollover safe
- Fall protection
- Halogen-free
- Flame-retardant
- Ambient temperature -25 °C to +50 °C

## ELECTRICAL DATA

- Charging capacity 1-/3-phase 1.2-22 kW
- Nominal voltage range 110-400 V
- Nominal current 6-32 A
- Frequency 50-60 Hz
- Fault current circuit breaker (RCD)  $\leq 30$  mA AC,  $\leq 6$  mA DC
- Max. power connector charging current 6 A/8 A/10 A (country-specific)
- Max. industrial connector charging current 16 A/32 A

Also available with CEE blue 230 V/16 A/1ph for charging capacity up to max. 3.7 kW and additional country-specific power connectors (type G, J, EF, CEE)

## INCLUDED IN DELIVERY

- 1x Mode 2 charging cable with type 2 coupling (ICCB control box),
- 1x Household plug (shock proof type EF 10 A)
- 1x Industrial connector (CEE red 32 A 3-phase) IEC 62752 certified by VDE
- Operating instructions

## TECHNICAL INFORMATION

- Electrical equipment for electric vehicles designed in compliance with IEC standards, charging system for electric vehicles (IEC 61851-1)
- In-cable control and protection device (IEC 62752)
- Household plug (charging current 6 A/8 A/10 A)
- Industrial connector (charging current 16 A 1-/3-phase/charging current 32 A 1-/3-phase)
- Vehicle connector (charging current 32 A 1-/3-phase)
- Charging mode 2
- Protection type IP55 (connected)/IP24 (not connected)
- Transmission of charging currents up to 32 A per phase
- Total charging cable length 5.5-6.0 m (varies depending on power connection)
- Weight 3.65-5.5 kg (depending on design)
- Function box (ICCB) dimensions: 320 x 124 x 84 mm

# DATA SHEET

## UNIVERSAL MOBILE CHARGING STATION

ITEM NO.: 5555924002

MODE 2 UNIVERSAL EFT101P CEE323P 3PTN T2CM ORORSW

### Cable properties

Cable design	Smooth
Cable construction	ÖLFLEX® CHARGE 5G6 mm <sup>2</sup> +0.5
Cable designation	LAPP Kabel Stuttgart ÖLFLEX® CHARGE EVC 750/450 VAC EN 50620
Cable colour	Basalt grey

### Connector/coupling

Type 2 coupling	Power contacts (L1, L2, L3, N, PE) 240 V/415 V
Shock proof type EF connector	Moulded/temperature monitored/ protection type IP44
Connector/coupling design	Design line
Type 2 coupling cap	Protective cap with Velcro
Maximum charging current	32 A 3ph AC
Coupling colour	Orange / Orange/black

### General properties

Coupling protection type	IP44 with protective cap IP20 without protective cap
Coupling standard	IEC 62196-1; IEC 62196-2
Approvals	VDE certified and CE compliant
EU directives for entire unit	Compliant with: 2011/65/EU RoHS2 directive 2015/863/EU RoHS3 directive 2014/35/EU low voltage directive 2014/30/EU EMC directive
Applicable in	Austria, Belgium, Bulgaria, Croatia, Czech Republic, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, United Kingdom



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