

**MOBILITY DOCK available from April 2022**

## **LAPP launches award-winning charger for electric cars**

***Stuttgart, 21. March 2022*** - From April, charging electric vehicles will become even easier. LAPP MOBILITY GmbH, a corporate start-up from LAPP, is launching MOBILITY DOCK. The innovative charger has already won several prizes before its market launch.

The MOBILITY DOCK is a space-saving charger that allows an electric vehicle to be charged from a standard household socket in conjunction with any type 2 charging cable (charging mode 3). This means that electric car drivers need fewer different types of charging cable. This saves space and weight in the boot and makes charging easier and more convenient.

### **Space-saving mobile charging station**

“The MOBILITY DOCK provides the full functionality of a mobile charging station, but requires much less space in the boot,” says Frank Hubbert, Managing Director of Lapp Mobility GmbH, describing the new product. The MOBILITY DOCK communicates with the vehicle via a control unit integrated into the charger, which sets the charging current up to a maximum of 10A and also monitors the charging process. This enables a maximum charging power of up to 2.3 kW to be achieved, with automatic adjustment. The unit monitors the device temperature and the temperature of the plug socket. If an increased temperature is detected on the power connector, the charger automatically regulates the charging power to prevent overheating. Another protective function for the user is earth conductor monitoring as well as detection of direct current and alternating current faults in the charger. These AC and DC faults are detected and protected up to 6mA DC and 30mA AC. The MOBILITY DOCK is CE compliant and developed and tested in compliance with the device standard in accordance with IEC62752.

### **Easy and safe handling**

To start charging, the type 2 charging cable (also known as Mode 3 charging cable) is plugged into the type 2 socket on the MOBILITY DOCK. The MOBILITY DOCK with charging cable inserted is then plugged into the domestic plug socket

and charging begins. An LED indicates the device status. All components are completely stable and securely fixed. An integrated bracket on the side of the devices allows it to be attached to the wall of a building and is unlocked by pressing a button. This allows precise adjustment of the bracket on the building wall. The inserted type 2 charging cable is locked by a mechanism on the housing and can be unlocked using the release lever on the rear. This means that the type 2 charging cable can be removed from the charger with minimal effort.

Thanks to the type 2 socket integrated into the housing, the MOBILITY DOCK is compatible with the European charging cable standard and can therefore be used on all electric and hybrid cars in Europe. The housing of the MOBILITY DOCK is protected against splashed water (IP44) and is designed to withstand falls from any position from a height of 1m. The weight of approx. 750g and dimensions of 255x135x105 mm mean that the installation space and weight of the MOBILITY DOCK are optimised. The device can be stored in the boot, loading floor or in the side pockets of the vehicle to save space. The cap for the type 2 socket also protects the charger against contamination.

## **MOBILITY DOCK picks up multiple prizes**

The innovative MOBILITY DOCK, which was presented last September at IAA MOBILITY in Munich, has already won two prestigious prizes before its market launch - the German Design AWARD for its design and the EMOVE 360 AWARD for its functionality. It has also been nominated for the German Innovation Award for its added value compared to previous solutions. The winners of this award are yet to be announced.

The MOBILITY DOCK can be ordered from the LAPP MOBILITY online shop ([www.lappmobility.lappgroup.com/shop](http://www.lappmobility.lappgroup.com/shop)). More information can be found at [www.lappmobility.com](http://www.lappmobility.com)

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### Mobility Dock

The MOBILITY DOCK from LAPP is a household socket charger

Photo: LAPP

The image can be downloaded [here](#).

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## About LAPP:

Headquartered in Stuttgart, Germany, LAPP is a leading supplier of integrated solutions and branded products in the field of cable and connection technology. The company's portfolio includes standard and highly flexible cables, industrial

connectors and screw technology, customised system solutions, automation technology and robotics solutions for the intelligent factory of the future, as well as technical accessories. LAPP's core market is in the industrial machinery and plant engineering sector. Other key markets are in the food industry, logistics, as well as the energy and the mobility sector.

The company was founded in 1959 and is still fully owned by the founding family to this day. In the 2020/21 financial year, it generated a consolidated turnover of EUR 1,423 million. LAPP (including its non-consolidated companies) currently employs approximately 4,586 people across the world, produces at 21 international sites and has over 44 sales companies. LAPP also cooperates with around 100 international offices.

You can find more information on this topic here:  
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