

## Press release

Innovative charger for electric cars wins two awards

# GERMAN DESIGN AWARD and EMOVE 360 AWARD for LAPP's MOBILITY DOCK



LAPP's MOBILITY DOCK:  
The charger for household sockets  
You can find the image in printable quality [here](#)

Stuttgart, 1<sup>st</sup> December 2021

**LAPP Mobility's innovative new electric vehicle charger, the MOBILITY DOCK, has won two major awards for both design and functionality ahead of its market launch in March 2022.**

The German Design Council, which is made up of a top-class international jury, has awarded the MOBILITY DOCK the German Design Award in the "Excellent Product Design /Automotive Parts and Accessories" category. This award honours products that provide answers to the challenges of our time, advance design thinking, and represent the highest design standards. The German Design Award is internationally recognised and makes design trends visible to a wide audience in a glamorous setting. This year, the winners of the prize will be showcased under the motto "How designers think".

The second important prize is the EMOVE 360 AWARD, which is presented by the international trade fair for electric mobility and autonomous driving, eMove360°. This prize was awarded for Electric & Autonomous Mobility 2021 in the field of Connectivity & Engineering.

The MOBILITY DOCK is a space-saving charger that allows an electric vehicle to be charged from a standard household socket in combination with any type 2 charging cable. This means

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that e-car drivers need fewer different types of charging cables, which saves space and weight in the boot and makes charging easier and more manageable. The innovation was first unveiled at the Lapp Mobility GmbH stand at IAA MOBILITY 2021, which was held in Munich from 7 to 12 September 2021.

“The MOBILITY DOCK completely fulfils the function 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. Communication between MOBILITY DOCK and the vehicle takes place via a control device integrated into the charger, which sets the charging current up to a maximum of 10A and also monitors the charging process. A charging power of up to a maximum of 2.3 kW is thereby achieved, and the setting is automatic. The device monitors the device temperature and the temperature at the Schuko 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 the detection of direct current and alternating current faults in the charger. AC and DC faults of this type 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.

To start the charging process, the mode 3 charging cable is inserted into the type 2 socket of the MOBILITY DOCK. The MOBILITY DOCK with inserted charging cable is then plugged into the Schuko plug socket it's time to get started. An LED shows the device status. All components are completely stable and fixed securely. To provide support on the building wall, there is a support integrated on the device. This is unlocked by pressing a push button. This allows the support to be finely adjusted on the building wall. The inserted mode 3 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 mode 3 charging cable can be removed from the charger again with little effort.

Thanks to the type 2 socket integrated in 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 jet water (IP55) and is designed for falling from any position from a height of 1 m. With its weight of approx. 730g and a size of 255x135x105 mm, 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.

Officially, the MOBILITY DOCK will be available as of March 2022 and can be ordered from the LAPP MOBILITY online shop ([www.lappmobility.lappgroup.com/shop](http://www.lappmobility.lappgroup.com/shop)) among other places. More information is available at [www.lappmobility.com](http://www.lappmobility.com)

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Robert Metzger, CEO & Publisher MunichExpo Veranstaltungen GmbH hands over the award to Fabian Gläser, Project Manager Lapp Mobility GmbH.  
You can find the image in printable quality [here](#)



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Press contact

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You will find further information on this topic here:

<http://www.lappkabel.com/press.html>

### Über LAPP:

LAPP mit Sitz in Stuttgart ist einer der führenden Anbieter von integrierten Lösungen und Markenprodukten im Bereich der Kabel- und Verbindungstechnologie. Zum Portfolio des Unternehmens gehören Kabel und hochflexible Leitungen, Industriesteckverbinder und Verschraubungstechnik, kundenindividuelle Konfektionslösungen, Automatisierungstechnik und Robotiklösungen für die intelligente Fabrik von morgen und technisches Zubehör. LAPPs Kernmarkt ist der Maschinen- und Anlagenbau. Weitere wichtige Absatzmärkte sind die Lebensmittelindustrie, der Energiesektor und Mobilität.

Das Unternehmen wurde 1959 gegründet und befindet sich bis heute vollständig in Familienbesitz. Im Geschäftsjahr 2019/20 erwirtschaftete es einen konsolidierten Umsatz von 1.128 Mio. Euro. Lapp beschäftigt weltweit rund 4.575 Mitarbeiter, verfügt über 20 Fertigungsstandorte sowie 43 eigene Vertriebsgesellschaften und kooperiert mit rund 100 Auslandsvertretungen.



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