

Press Release

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MAHLE chargeBIG6 brings inexpensive charging infrastructure for apartment buildings

- A simple solution for charging management in residential complexes, workshops, and smaller businesses
- Up to six electric vehicles can be charged simultaneously at the existing house connection with 11 or 22 kW
- Easy to install thanks to Plug & Play as well as inexpensive and easy to expand
- Expansion of the chargeBIG range of products now also for small users

MAHLE is now making charging of electric vehicles possible even for smaller applications, such as in apartment buildings, workshops, or small businesses. With the new MAHLE chargeBIG6, up to six electric vehicles can be charged simultaneously at the existing house connection in the future. The central charging distributor is connected to the existing electricity meter. Thanks to Plug & Play, the system is easy to install, inexpensive and can be expanded by six additional parking spaces at any time. MAHLE chargeBIG has already successfully established itself on the market with its centralized and intelligent charging infrastructure for drivers who leave their cars in a parking lot all day, fleet operators, and large application areas with 18 charging points or more, and is now expanding its range of products for small users with the new offering.



chargeBIG6—the solution for small applications with up to 6 charging points

“With chargeBIG6, we have developed an easy-to-install and inexpensive charging system, creating an effective solution for a large market need,” said Sebastian Ewert, founder and managing director of MAHLE chargeBIG. “Now even individuals or small businesses can easily electrify their parking lots.”

The plug-and-play solution consists of a central, small control unit—the MAHLE chargeBIG6 charging distributor, with up to six three-phase charging

points, each with a charging power of 11 or 22 kW, and a permanently mounted charging cable and model 2 connector plug. With this charging distributor, twice as many electric vehicles can be charged as with the solutions currently offered on the market for this area of application. It contains all the necessary electronic components, such as charge controller, FI switch, load management and overvoltage protection. The system is connected to the existing house connection—even outdoors thanks to the IP 55 standard. Billing is done via the already installed electricity meter and therefore does not need to be connected to an operator backend.

However, the proven principle of chargeBIG has not changed: The control of charging processes with optimal load management.

Further product details and order requests can be found on the chargeBIG website: <https://chargebig.com/die-ladeloesung/chargebig6/>

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About MAHLE

MAHLE is a leading international development partner and supplier to the automotive industry with customers in both passenger car and commercial vehicle sectors. Founded in 1920, the technology group is working on the climate-neutral mobility of tomorrow, with a focus on the strategic areas of e-mobility and thermal management as well as further technology fields to reduce CO₂ emissions, such as fuel cells or highly efficient combustion engines that also run on e-fuels or hydrogen. MAHLE already generates over 60 percent of its sales independently of the passenger car combustion engine. This should increase to 75 percent by 2030. Today, one in every two vehicles globally is equipped with MAHLE components.



MAHLE generated sales of around EUR 11 billion in 2021. The company is represented with over 71,000 employees at 160 production locations and 12 major research and development centers in more than 30 countries. (status 31.12.2021)
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