

# PRESS RELEASE

## BMZ INTRODUCES POWER2CAR WALLBOX

*Karlstein am Main, April 11, 2024 – The BMZ Group, an internationally renowned specialist in lithium-ion and sodium-ion battery manufacturing, is pleased to announce the launch of POWER2CAR, an innovative wallbox for charging electric vehicles.*

POWER2CAR is a pioneering wallbox solution for the home that gives electric car owners autonomy from the limited availability and pricing of public charging stations. POWER2CAR is the perfect addition for smart living concepts in single-family and multi-family homes with photovoltaic systems.

This proprietary addition to BMZ's product range is the result of the company's commitment to facilitating the energy and transportation transition for families by providing them with perfectly coordinated components from a single source. For example, POWER2CAR works seamlessly with BMZ's hybrid inverter POWER2GRID. In combination with BMZ GridSwitch, POWER2CAR can also be used in "backup mode" in the event that the public power grid fails. POWER2CAR is also optimized for use in combination with the BMZ home storage systems POWER4HOME and HYPERION. The complete combination of photovoltaic system, inverter, wallbox, grid switch, and home storage enables the perfect distribution of the surplus electricity generated by the photovoltaic system instead of feeding it into the public power grid at less attractive conditions.

POWER2CAR is round, weighs only 3.2 kg (without cable), and takes up very little space with a width and height of approx. 38 cm and a depth of approx. 18 cm. Installing POWER2CAR is easy and can be done by just one person. POWER2CAR can be installed almost anywhere up to altitudes of 3,000 m above sea level. It can even be used in areas with a relative humidity of up to 95%.

POWER2CAR boasts sophisticated technology in compliance with international (safety) standards and offers users popular features and technical characteristics, including:

- A maximum charging power of 11 kW
- Usable in a wide temperature range from -30 °C to +45 °C
- RFID authentication to prevent unauthorized use (electricity theft)
- Easy remote installation of software updates via Wi-Fi or Ethernet
- Standard communication between charging station and vehicle according to ISO 15118 standards
- Seamless communication with the entire domestic energy system via EEBus software interface

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- OCPP 1.6j conformity as the most common message standard for coupling wallboxes and control systems for the purpose of load distribution and intelligent charging
- Dust and water jet resistance from any angle as per protection class IP55.
- Impact resistance according to the highest possible protection class IK10.

Made in Europe and engineered in Germany, POWER2CAR puts safety for the home and family first.

Please visit [www.bmz-group.com](http://www.bmz-group.com) for more information about the BMZ Group's range of products.

## ABOUT THE BMZ GROUP

The BMZ Group is a global player in the development and production of cross-industry lithium-ion and sodium-ion battery system solutions. The company offers the entire value chain from cell to battery and second life to disposal. In addition to supplying the medical, power, and garden tools markets as well as industrial applications, the BMZ Group prides itself as THE GREEN ENERGY SYSTEM PROVIDER. With the manufacture of home and industrial storage systems for photovoltaic systems as well as batteries for electromobility, BMZ is producing the essential infrastructure required for the energy and transport revolution. With a view to climate change and its consequences, this is how the BMZ Group meets its social, economic, and ecological responsibilities. The company's headquarters are located in Germany, with additional production facilities in China, Poland, the USA, North Macedonia and Brazil as well as branches in Japan, Hong Kong, the UK, and France. Additional R&D facilities are located across the globe. The BMZ Group employs more than 2,500 staff.

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