



## THE BATTERY PACK: THE HEART OF ANY EBIKE

Our proven Lithium Ion Technology will guarantee a high energy density, small space requirements, low weight and a long travel distance.

Compact but powerful chargers will recharge a battery pack to its max power level in a short time frame.

BMZ designs and manufactures ebike battery pack for a minimum of 1000 cycles.

## EBIKE - POWER INDIVIDUAL SOLUTIONS

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## INDIVIDUAL SOLUTIONS

## THE TECHNOLOGY

## WHERE TO USE



### ABOUT BMZ

BMZ GmbH is a system provider and specialist for intelligent battery solutions. Within only a few years, BMZ has established a leading position in the fast growing lithium-ion accumulator (rechargeable battery) market. Founded in 1994, the company is today one of the leading European manufacturers of customized battery solutions. BMZ has manufacturing facilities in Germany, Poland, China and USA. The high-tech products developed and manufactured by BMZ, located in Karlstein, Germany, are used worldwide in many different products from renowned suppliers including electric gardening tools, drilling machines, battery-powered screwdrivers, electric vehicles, electric bicycles, portable medical devices and accumulators for renewable energies.

### A TRUE POWER PACK

Besides the motor, the battery pack is a vital component for a fast and powerful drive system.

The design of our battery packs offer a balance of power, travel distance and longevity at an extreme low weight.

BMZ offers battery packs which utilize a lithium ion cell specifically developed for the ebike market. The advantages are high energy density and a high safety standard.

Our close cooperation with the Batteryuniversity.eu, an independent and certified test laboratory will allow us to test the battery packs to ensure compliance with guidelines such as UN, UL, BATSO etc.



### SMART COMBINATION

BMZ battery packs are developed to meet the need of today's ebike regardless of the motor size and regardless of a front or rear wheel drive or a pedal shaft mounted drive. The position and location of the pack can be chosen to suit the individual ebike design. Our battery pack can support various communications system such as LIN-BUS or CAN-BUS.

A smart combination of battery pack and motor will form a powerful and reliable drive system.

