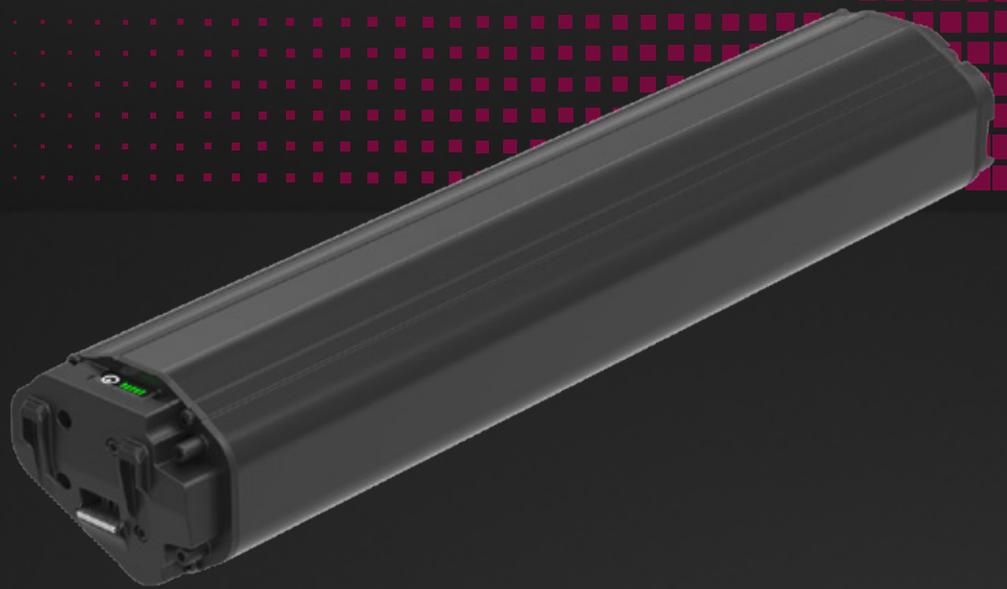


POWER2RIDE RB-900

New BMZ, global battery platform, designed for eMTB, eSUV, eTrekking/City/Commuter and eCargo.



E-Mobility



Drive System



Energy Storage Systems



Power and Garden Tools



Industrial



Medical

POWER2RIDE.

RB-900

Advantages

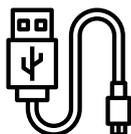
- **New BMZ, global battery platform** – off-shelf product as well as a basis for OEM or ODM, designed for eMTB, eSUV, eTrekking/City/Commuter and eCargo.
- **Light (3,8 kg) and full of energy (up to 860Wh)** – no more need of choice between light bike and short range vs. heavy bike and unlimited range.
- **Best on market power density (226Wh in 1 kg).**
- **Latest battery cells compatibility.**
- **Sophisticated design – no more bad looking e-bikes:**
 - Unique, slim, oval in cross-section = best looking bikes/slim frame down tube.
 - Not only for super high riders, short battery = suitable for S-size frames.
- **EU producer and European product** (from parts, suppliers, through production site, till standards and regulations compliance)
- **Uncompromising safety** – no matter where are you riding and storing your e-bike.
- **Highest resistance level to harsh weather conditions, water and dust (IP67).**
- **New, user friendly assembly set** - easy to integrate with bike frame (all types of materials, incl. carbon), many insert options: down/top/in-tube slide.



Adaptation to new European regulatory (2023/1542), incl. single cell replacement (currently one of the few batteries that can be offered on the market after February 2027 - it is a guarantee of safe use of the battery but also a guarantee of business security for the bicycle manufacturers)



Up to date certification
(much more than just
EN50604-1 compliance)



USB-C charging feature.



Automotive level parts
and components



Service/after-sales
BMZ global network in
Europe, North/South
America and Asia.

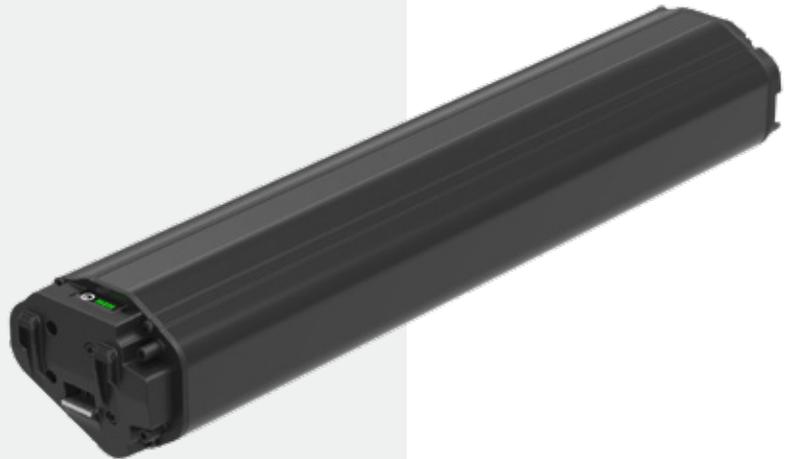
TECHNICAL SPECIFICATIONS

Parameters	30-40 pcs Li-Ion Cells 21700
Main capacity / config. options	36V (10S4P): up to 24Ah (860Wh) 36V (10S3P): up to 18 Ah (650 Wh) 48V (13S3P): up to 18Ah (840Wh)
Discharging / charging socket	Fast charging plug (new standard, new supplier possibility) USB-C (extension option)
Current rates	Discharge 25A charge up to 10A
Assembly type	InTube, with DT insert: top/down/in-tube slide
Weight	3.8 kg

POWER2RIDE.

Multi compatibility with e-drive systems

(among others, premium battery for e-drive systems such as Shimano, Panasonic, Motinova, Intradrive, Oli eBike Systems, Bafang, BMZ RS and GT, Sachs RS) – BMS is ready to communicate with all leading e-drive systems on the market.



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New open mold downtube – slim design with alu or carbon cover option.

Any questions?

Contact us, we will be pleased to advise you.

Headquarters

BMZ Germany GmbH

Zeche Gustav 1
63791 Karlstein am Main
Germany

T: +49 6188 9956-0

E: mail@bmz-group.com

BMZ USA Inc.

1429 Miller Store Road
Virginia Beach
VA 23455
USA

T: +1 757 821-8494

E: contact-usa@bmz-group.com

BMZ Company Ltd.

Julong Technology Building B
Cuibao Road, Longgang District,
Shenzhen, Guangdong Province
P.R.China 518116

T: +86 755 8977 5800

E: contact.cn@bmz-group.com

BMZ Poland Sp. z o.o.

Alberta Einsteina 9
44-109 Gliwice
Poland

T: +48 327842 450

E: power2ride@bmz-group.com

BMZ Innovation Group Ltd

Future Business Centre
Kings Hedges Road
Cambridge, CB4 2HY
United Kingdom

T: +44 7767 038663

E: power.uk@bmz-group.com

BMZ Japan KK

Shitaya 1-6-5, Taito-ku,
Tokyo, 110-0004
Japan

T: +81 35811 1973

E: tokio.kobayashi@bmz-group.com

BMZ France S.A.R.L.

16 Rue Auber
75009 Paris
France

T: +33 06 84 52 76 29

E: contact_bmzfrance@bmz-group.com

www.bmz-group.com

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