



PreCursor
For e-bike application

SPECIFICATION

Precursor 2.0

- Topology 10S3P, 36V
- Capacity variants : 500Wh
- Cells 21700 LG or Samsung
- A distinctive integrated lamp with a certificate for EU markets
- Durable housing (aluminum), high degree of protection IPX4
- BMS: works with systems: Brose (CAN), Shimano (UART), Bafang(CAN)
- Can be used in systems without communication.
- BMS: External service module - enables reading of collected data, verification of battery status
- BMS: Operation of the lamp on the basis of communication or a standard connection to the power supply from the central unit, in the event of a system failure or low power status it is possible to activate the lamp by pressing the battery button.
- SOC residual energy level indicator (state of charge)
- Can be purchased with a quick charger 5A
- Weight 3.5kg
- Battery can be purchased in a set: battery, charger, slider with lock, alloy carrier, Controller

Battery pack 10S3P	
BMZ article number	034817-00
Charger 4.0A, BC1120-O, Rosenberger	024555-01
Application	E-bike
Pack configuration	10S3P
Cell type	BMZ 21700 50EL
Nominal capacity @ 25°C	15Ah
Nominal voltage	36V
Nominal energy @ 25°C	540Wh
Nominal discharge current	30A
Maximum charge current/delay	5A / 5s
Cell balancing	Yes
SOC (state of charge) display	Yes
Motor communication	Brose 25km/h
Communication	CAN – BUS
Type of charging plug	Rosenberger Power Data Connectors
Operating temp. charge	0 to +45 C
Operating temp. discharge	-20 to +55 C
Storage temp. (recommended)	18 o 25 C





All rights reserved.

BMZ GmbH

Am Sportplatz 28–30
63791 Karlstein am Main
Germany
Phone +49 61 88–9956–0
Fax +49 61 88–9956–900
kontakt@bmz-group.com
www.bmz-group.com

BMZ France S.A.R.L.

153 Boulevard Haussmann
75008 Paris
France
Phone +33 68 4527-629
jean-marc.brunet@bmz-group.com

BMZ Company Ltd.

2nd Building, NO.2 Jinlong Street
Baolong Industry Zone, Longgang
518116 Shenzhen
China
Phone +86 755 89775-800
Fax +86 755 89775-900
sales@bmz-group.com

BMZ Poland Sp. z o.o.

ul. Einsteina 9
PL–44–109 Gliwice
Poland
Phone +48 32 7842-450
Fax +48 32 7842-451
biuro@bmz-group.com

BMZ USA Inc.

2656 Lishelle Place
Virginia Beach, VA 23452
USA
Phone +1 757 821-8494
Fax +1 757 821-8499
info@bmz-usa.com