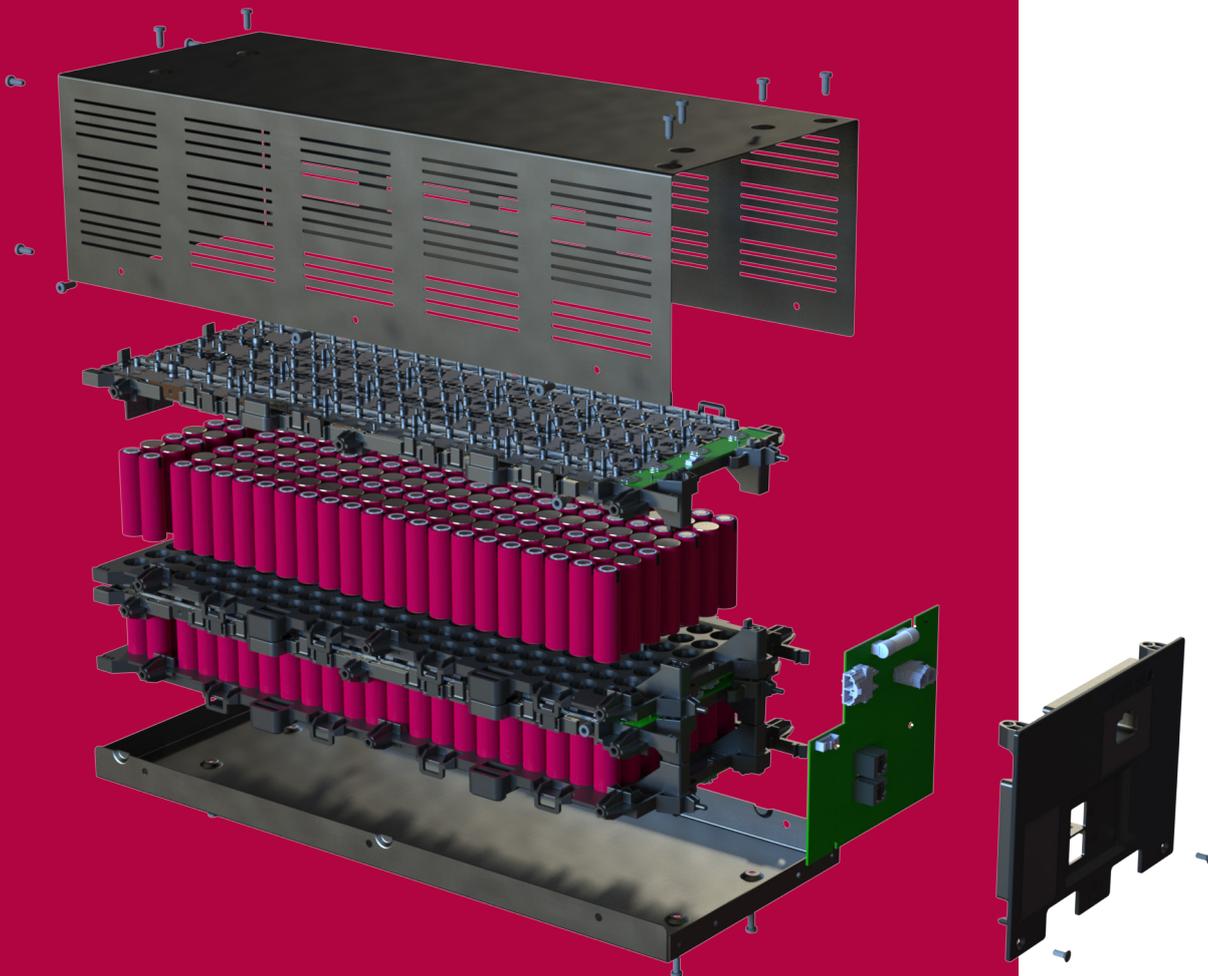


HELIOS V MODULE: 14S22P

High Power Battery Module



E-MOBILITY



DRIVE
SYSTEMS



ENERGY STORAGE
SYSTEMS



POWER- AND
GARDENTOOLS



INDUSTRIAL



MEDICAL

HELIOS V MODULE: 14S22P

High Power Battery Module



- **READY FOR MULTICONNECTION**
- **LONG LIFE CYCLE**
- **LIGHTWEIGHT**
- **COMPACT**

TECHNICAL DETAILS	HELIOS MODULE: 14S22P
Commonly Used Cells	BMZ NMC 18650
Nominal Voltage	51.4 V
Nominal Capacity / 6 Hour Rate	62.7 Ah / 3.2 kWh
Battery Weight	22 kg
Dimensions (W x H x D)	546.1 x 216.8 x 155.3 mm
Operating Temperature Discharge	-20 up to +55 °C
Operating Temperature Charge	0 up to +50 °C
Cycle Life At 70% EOL	> 4,000
Max. Continuous Current	30 A
Max. Peak Current	40 A

FEATURES & BENEFITS

- Safety: BMS, CID, Safety Vent
- Maintenance Free
- Superior Life Time
- Environmentally Friendly

BMS INCLUDING

- Short Circuit Protection
- Overcharge Protection
- Overdischarge Protection
- Temperature Control
- Cell Balancing (Passive)
- 2nd Protection (SCP)
- CAN-Bus

LI-ION VS. LEAD-ACID

There are many advantages of our Power Battery based on NMC technology compared to standard lead acid batteries.

- Higher Energy
- More Power
- Higher Performance
- Superior Life
- Lightweight

- Faster Charging
- Very Low Self Discharge
- No Maintenance Cost
- No Water Requirements
- No Poisonous/Explosive Exhaust Fumes

BMZ GmbH
 Zeche Gustav 1
 63791 Karlstein am Main
 Deutschland
 P: +49 6188-9956-0
 E: mail@bmz-group.com
 www.bmz-group.com



©BMZ 10.2020

All rights reserved. Preliminary data sheet. Although we have taken great care in preparing this document, BMZ does not accept any responsibility for errors or omissions. All information included here may be changed at any time without prior notification.