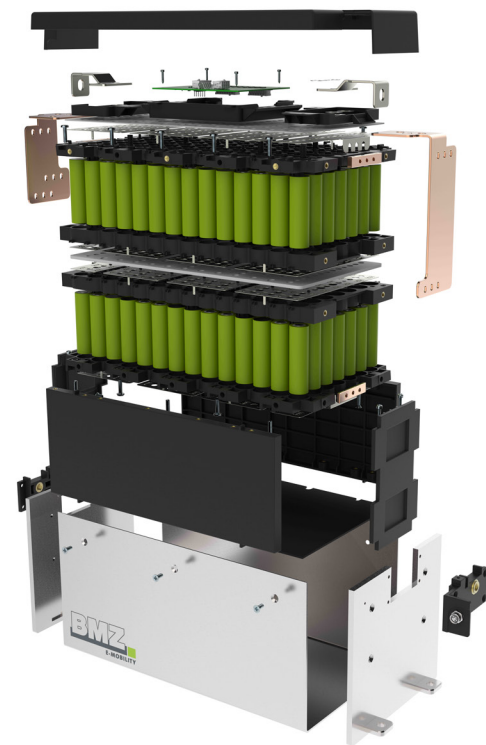


LITHIUM-ION MOTIVE BATTERIES



POWER BATTERY 1: 7S28P



BENEFITS

- High Current Charge & Discharge
- Ready For Multiconnection
- Lightweight
- Compact
- Safety: CID, Safety Vent
- Maintenance Free
- Superior Life Time
- Environmentally Friendly
- Scalable up to 850V

SAFETY WITH BMS

- Short Circuit Protection
- Overcharge Protection
- Overdischarge Protection
- Temperature Control
- Cell Balancing (Passive)
- 2nd Protection (Pyro Fuse)
- Master/Slave system

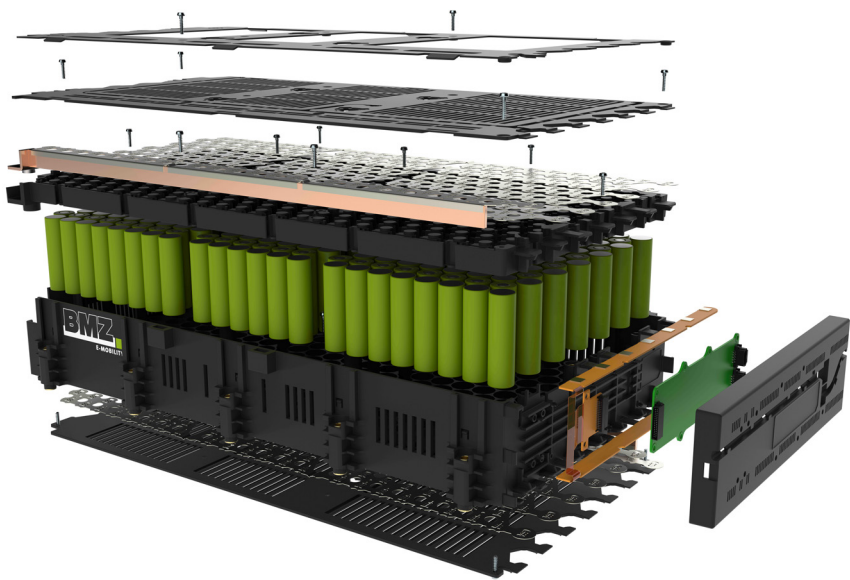
TECHNICAL DETAILS

COMMONLY USED CELLS:	OPERATING TEMPERATURE DISCHARGE:
NCA / NMC 18650	-20 to +60° C
NOMINAL VOLTAGE:	OPERATING TEMPERATURE CHARGE:
25.2 V	0 to +45° C
NOMINAL CAPACITY / 6 HOUR RATE:	CYCLE LIFE AT 70% EOL:
81.2 Ah / 2.05 kWh	3000
BATTERY WEIGHT:	MAX. CONTINUOUS CURRENT:
13.7 kg	80 A
DIMENSIONS (L x W x H):	MAX. PEAK CURRENT:
394 x 182 x 169 mm	170 A

TECHNICAL DETAILS

COMMONLY USED CELLS:	OPERATING TEMPERATURE DISCHARGE:
NCA / NMC 18650	-20 to +60° C
NOMINAL VOLTAGE:	OPERATING TEMPERATURE CHARGE:
46.8 V	0 to +45° C
NOMINAL CAPACITY / 6 HOUR RATE:	CYCLE LIFE AT 70% EOL:
60.5 Ah / 2.8 kWh	3000
BATTERY WEIGHT:	MAX. CONTINUOUS CURRENT:
16.8 kg	100 A
DIMENSIONS (L x W x H):	MAX. PEAK CURRENT:
520 x 281 x 90 mm	180 A

POWER BATTERY 2: 13S22P



BENEFITS

- High Current Charge & Discharge
- Ready For Multiconnection
- Lightweight
- Compact
- Safety: BMS, CID, Safety Vent
- Maintenance Free
- Superior Life Time
- Environmentally Friendly
- Scalable up to 850V

SAFETY WITH BMS

- Short Circuit Protection
- Overcharge Protection
- Overdischarge Protection
- Temperature Control
- Cell Balancing (Passive)
- 2nd Protection (Pyro Fuse)
- Master/Slave system

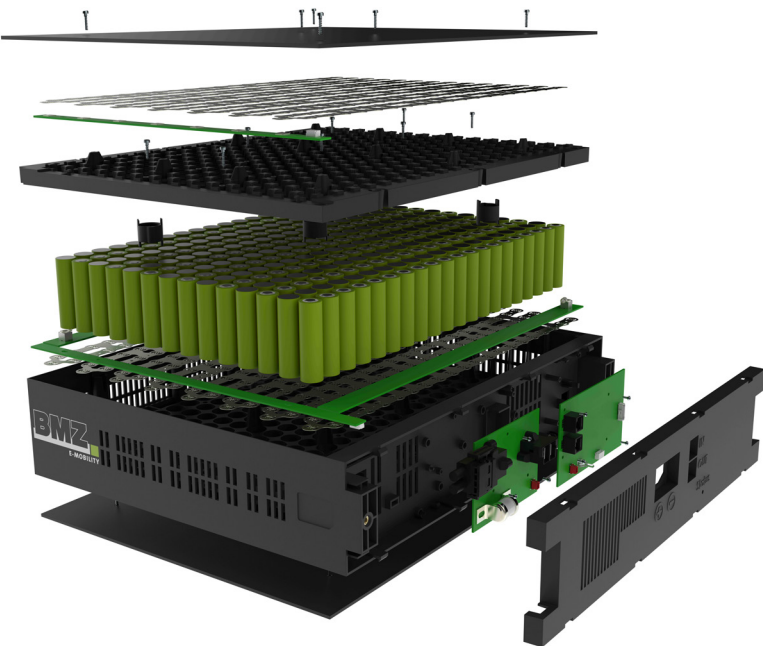


WE POWER THE **E** FUTURE!

YOUR PARTNER IN LITHIUM-ION BATTERY SOLUTIONS



POWER BATTERY 3: 14S20P



BENEFITS

- Long Life Cycle
- Ready For Multiconnection
- Lightweight
- Compact
- Safety: BMS, CID, Safety Vent
- Maintenance Free
- Superior Life Time
- Environmentally Friendly
- Scalable up to 850V

SAFETY WITH BMS

- Short Circuit Protection
- Overcharge Protection
- Overdischarge Protection
- Temperature Control
- Cell Balancing (Passive)
- 2nd Protection (SCP)
- Master/Slave system

TECHNICAL DETAILS

COMMONLY USED CELLS:

NCA / NMC 18650

OPERATING TEMPERATURE DISCHARGE:

-20 to +60 °C

NOMINAL VOLTAGE:

51.8 V

OPERATING TEMPERATURE CHARGE:

0 to +50 °C

NOMINAL CAPACITY / 6 HOUR RATE:

58.0 Ah / 3 kWh

CYCLE LIFE AT 70% EOL:

>6000

BATTERY WEIGHT:

22 kg

MAX. CONTINUOUS CURRENT:

30 A

DIMENSIONS (L x W x H):

545 x 212 x 155.4 mm

MAX. PEAK CURRENT:

50 A

TECHNICAL DETAILS

COMMONLY USED CELLS:

NMC PRISMATIC

OPERATING TEMPERATURE DISCHARGE:

-40 to +60 °C

NOMINAL VOLTAGE:

47.8 V

OPERATING TEMPERATURE CHARGE:

-20 to +60 °C

NOMINAL CAPACITY / ENERGY CONTENT:

94.0 Ah / 4.5 kWh

CYCLE LIFE AT 70% EOL:

4000

BATTERY WEIGHT:

28.9 kg

MAX. CONTINUOUS CURRENT:

72 A

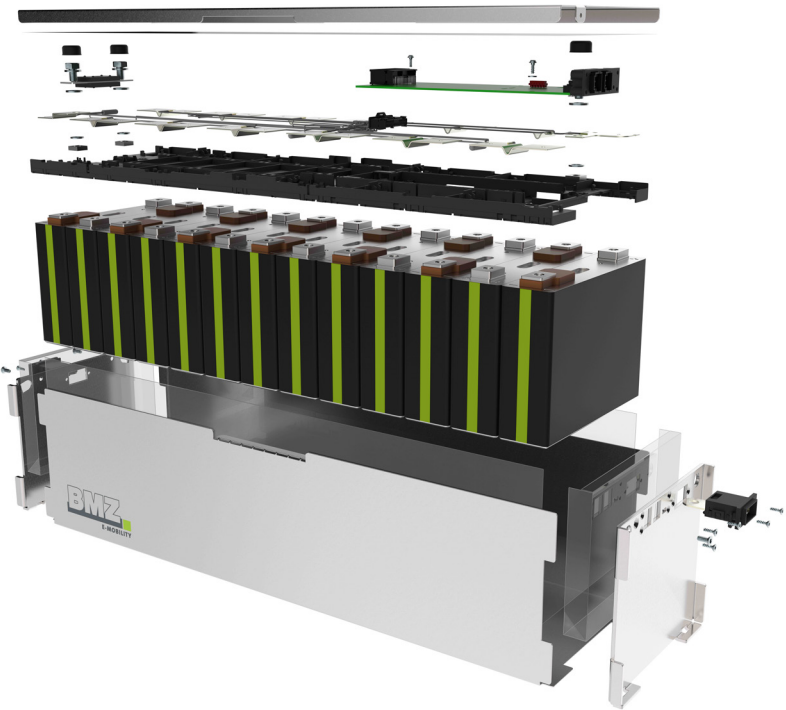
DIMENSIONS (L x W x H):

153 x 177 x 571.7 mm

MAX. PEAK CURRENT:

270 A

POWER BATTERY 4: 13S1P



BENEFITS

- High Current Charge & Discharge
- Ready For Multiconnection
- Lightweight
- Compact
- Safety: BMS, CID, Safety Vent
- Maintenance Free
- Superior Life Time
- Environmentally Friendly
- Scalable up to 850V

SAFETY WITH BMS

- Short Circuit Protection
- Overcharge Protection
- Overdischarge Protection
- Temperature Control
- Cell Balancing (Passive)
- 2nd Protection (Pyro Fuse)
- Master/Slave system





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