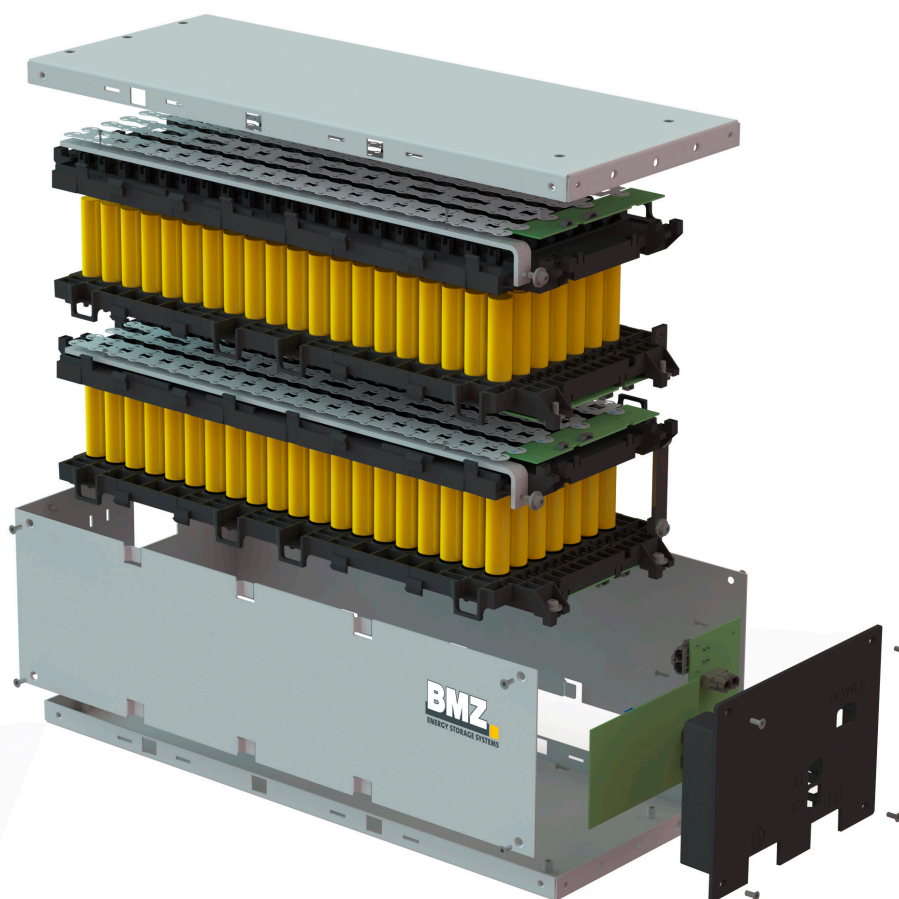


TECHNICAL DETAILS

COMMONLY USED CELLS:	OPERATING TEMPERATURE DISCHARGE:
BMZ NCA 18650	-20 to +55 °C
NOMINAL VOLTAGE:	OPERATING TEMPERATURE CHARGE:
51,8V	0 to +50 °C
NOMINAL CAPACITY / 6 HOUR RATE:	CYCLE LIFE AT 70% EOL:
58.0 Ah / 3 kWh	> 4.000
BATTERY WEIGHT:	MAX. CONTINUOUS CURRENT:
22 kg	30 A
DIMENSIONS (L x W x H):	MAX. PEAK CURRENT:
545 x 214 x 156 mm	40 A

HELIOS MODULE: 14S20P

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



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

LI-ION VS. LEAD-ACID

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

FEATURES AND 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