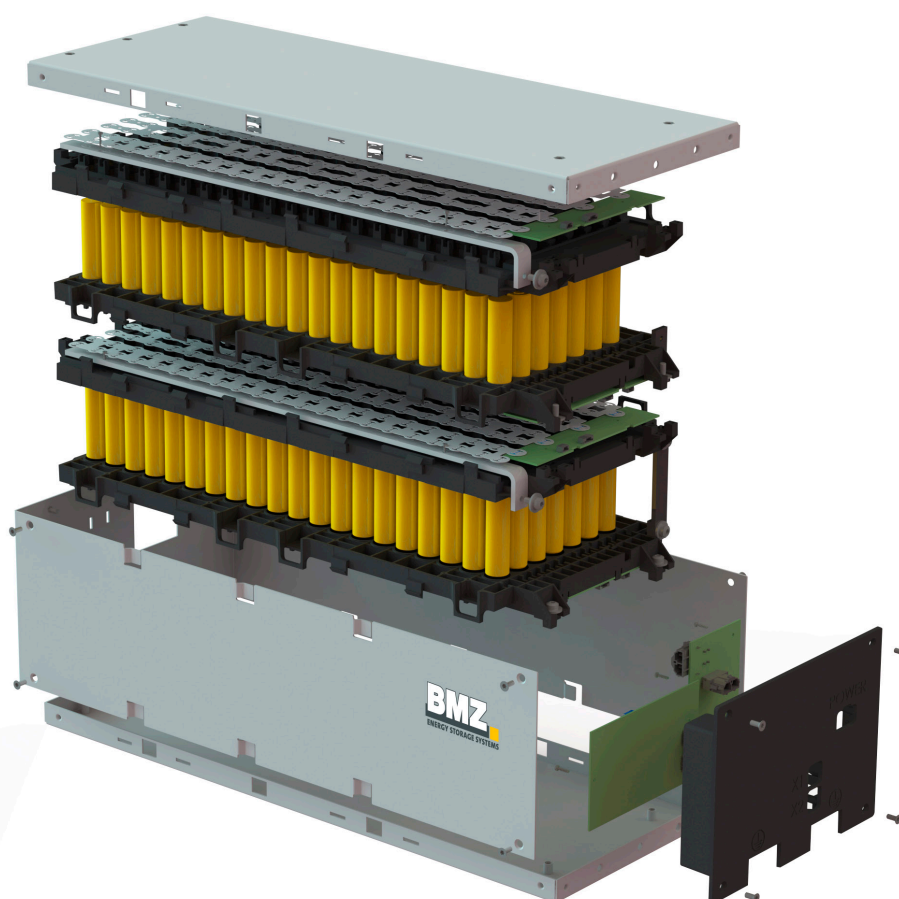


## TECHNICAL DETAILS

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