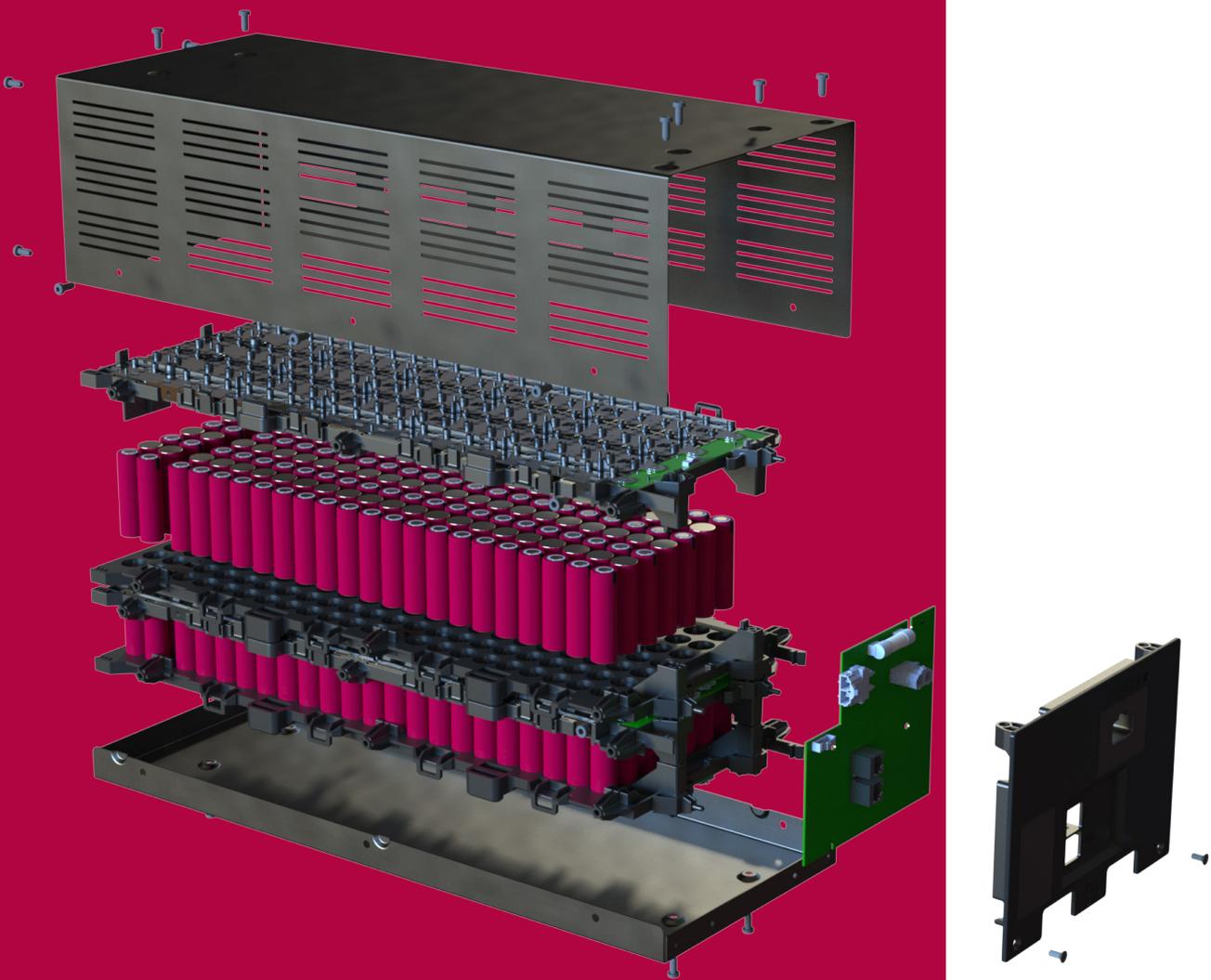


## HELIOS VE MODULE: 14S22P

High Power Battery Module



E-MOBILITY



DRIVE  
SYSTEMS



ENERGY STORAGE  
SYSTEMS



POWER- AND  
GARDENTOOLS



INDUSTRIAL



MEDICAL

# HELIOS VE MODULE: 14S22P

## High Power Battery Module

The Helios module is an intelligent power battery extension for the Hyperion high-voltage storage system.

Due to its modularity, the storage is easy and at the same time reliable to install and expand if higher energy quantities are needed.

The „Made in Germany“ product can be equipped with a minimum of three and a maximum of six modules with a total capacity of up to 15 kWh.

The very light and compact Helios module is ready for multiconnection and impresses with its long service life.

### 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.

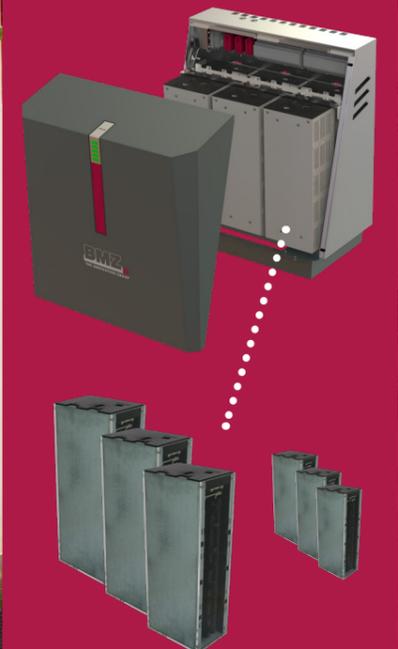
- Higher Energy
- More Power
- Higher Performance
- Superior Life
- Lightweight
- Faster Charging
- Very Low Self Discharge
- No Maintenance Cost
- No Water Requirements
- No Poisonous/Explosive Exhaust Fumes

TECHNICAL DETAILS	HELIOS VE MODULE: 14S22P
Commonly Used Cells	NMC 18650
Nominal Voltage	51.4 V
Nominal Capacity	63.8 Ah
Battery Weight	22 kg
Dimensions (W x H x D)	546.1 x 216.8 x 155.3 mm
Operating Temperature Discharge	-15 up to +55 °C
Operating Temperature Charge	0 up to +45 °C
Cycle Life At 70% EOL	> 4,000
Max. Continuous Current	30 A
Max. Peak Current	40 A

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

**STORE YOUR UNNEEDED ELECTRICITY  
AND USE IT WHEN YOU NEED IT!**

HYPERION



3-6 HELIOS VE MODULES

# Any questions?

Contact us, we will be pleased to advise you.



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