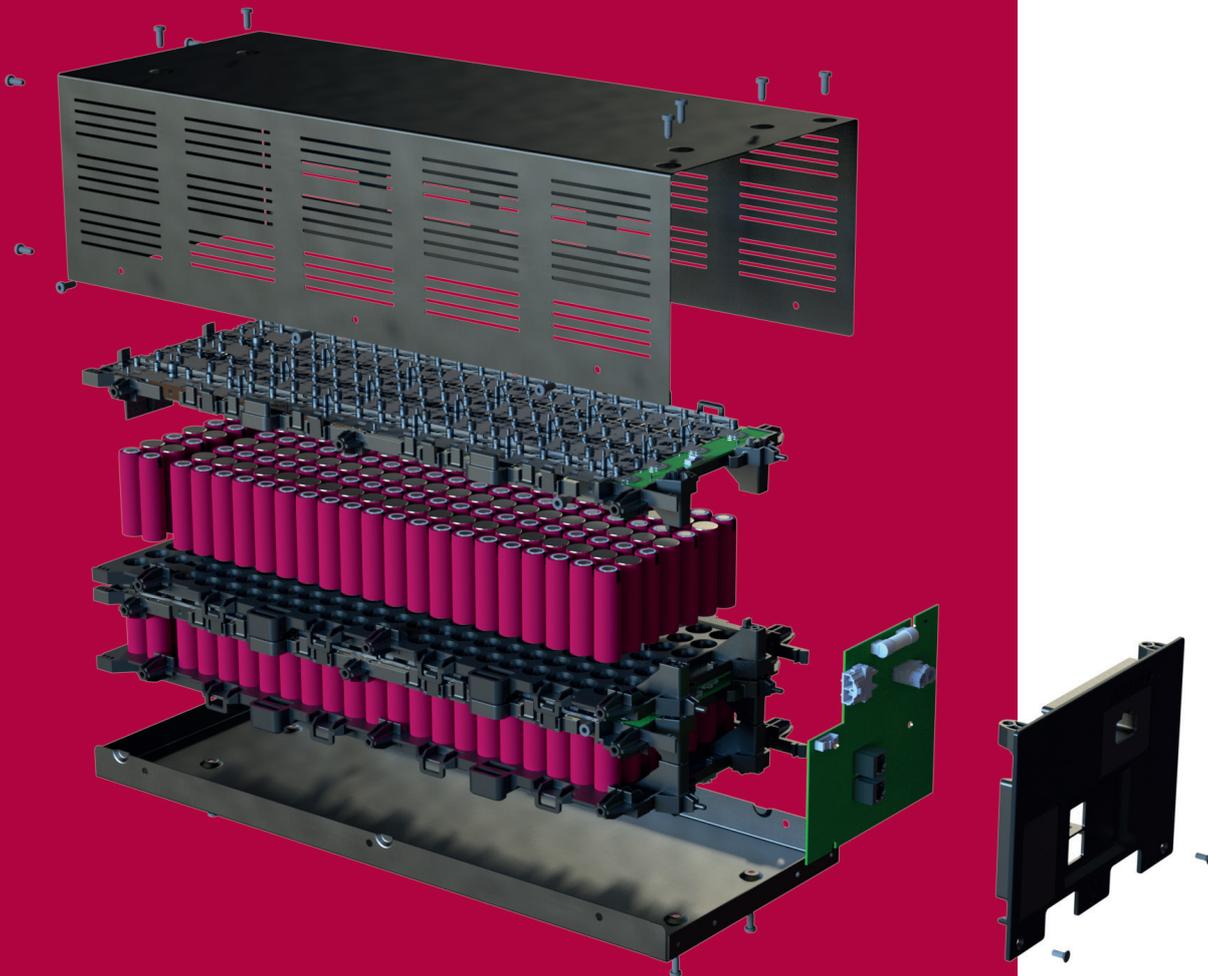


HELIOS VE MODULE: 14S22P

High Power Battery Module



E-MOBILITY



DRIVE
SYSTEMS



ENERGY STORAGE
SYSTEMS



POWER- AND
GARDENTOOLS



INDUSTRIAL



MEDICAL

HELIOS VE MODULE: 14S22P

High Power Battery Module



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

TECHNICAL DETAILS	HELIOS VE MODULE: 14S22P
Commonly Used Cells	TerraE NCA 18650
Nominal Voltage	51.1 V
Nominal Capacity	66 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

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 NCA 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

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