





Super B develops and produces lithium batteries ranging from small starter batteries for motorcycles to energy storage for recreational vehicles, industries applications or residential storage.

Super B at a glance

- Provider of Lithium-Iron phosphate modules and systems for a variety of applications
- ✓ Strong IP with various patents/patents pending and license across various applications and chemistries
- ✓ Over 10 years expert employees with extensive battery and technology expertise and close cooperation with Technical University of Twente for R&D
- ✓ Steady, top-line growth with own development and production
- ✓ Strong foothold in existing customer base of over 500 customers all over the world



Focused market approach







Manufacturing facilities in Hengelo, The Netherlands





The Super B life cycle













Challenges

Reduce the use of diesel traction

Solutions

• Hybrid trains Long history (Steam, diesel, electric combinations)

• All Electric Traction

Charge stations

Battery Exchange

Combinations

• Energy Control Sensoring

Cloud Connection

Smart Energy Management









Product portfolio

- Super B's core competence is high quality Advanced Energy Storage, served with Lithium Iron Phosphate (LFP) technology, the safest and most durable Lithium Ion technology.
 - Super B has a standard portfolio (for distribution), custom batteries (for OEMs) and accessories.
 - The portfolio ranges from small motorcycle starter batteries to large 800V energy battery systems.



Capacity: 30Wh - 2000Wh per battery, and system designs >1MWh.



Product portfolio

- Container sized solutions
 - 200 kWh 2000 kWh
 - 100 KW 3000 KW





- All systems
 - Local energy & hardware management
 - Cloud energy & hardware management



Technical Roadmap Super B Product Portfolio expansion 2019

Focused expansion and improvement of product portfolio:

- New Cell introductions 210E & 180E
- New traction module SB12V105Ah
- Improved Battery Interface Modules
- Energy Storage 1 kWh 2 MWh
- Smart management for hardware and energy





Super B's high-performing products are already in use in a wide range of applications and solutions (1/1)

Transport



Fire & rescue





Maritime





Electrical vehicle installations









Recreational Vehicles LE VOYAGEUR



boat



Canal



Super B's high-performing products are already in use in a wide range of applications and solutions (2/2)

Industrial



Service vehicles

Street cleaning equipment
manufacturer



Access equipment manufacturer

Energy storage



UPS for data centers







Tugboat/ferries

Utility boat
manufacturer



