



Safe & reliable

Lithium Nickel Manganese Cobalt Oxide Cell Tested and Certified Product



Built-in Electrical Protection

Safe environment



IP67 AI Enclosure

Suitable for harsh conditions



Plug and Play Connectors

Easy to shift from charging to using the battery



Modular Concept

Easy to integrate in different applications



Negative Carbon Footprint Production

All energy used in production comes from RES



Decarbonization

Contributes to reduction of Carbon for a climate-neutral society by 2050



Compact

Easy to transport



Up to 98% Recyclable

Eco friendly

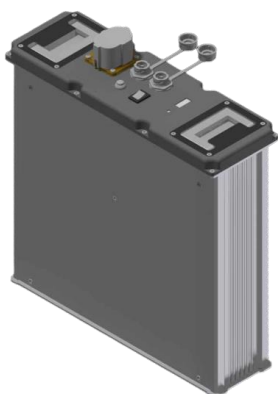


Technical specifications

Performance	
Battery installed energy	3.0 kWh
Battery usable energy (0.5C/0.5C rated at 25°C)	3.0 kWh
Output power (rated at 25°C)	4.6 kW
Nominal voltage	51.1 Vdc
Operating voltage range	45.0 Vdc – 58.0 Vdc
Capacity	60 Ah
Max. discharge current (1.5C)	90 A
Max. charge current (1C)	60 A
Continuous charge current	30 A
Continuous discharge current	30 A
Cycle-life @80% DoD 0.5C/0.5C rated at 25°C	>7 500 cycles
Efficiency	Up to 98%

Communication	
Display	SOC indicator, status indicator
Communication	RS232 / CANopen
Safety	Digital outputs for charger and inverter control

General specifications	
Operating temperature	Discharge -10°C to +50°C Charge 0°C to +50°C
Recommended operating temperature	15°C to + 30°C
Cooling	Natural convection
Protection rating	IP 67
Cell technology	NMC - Lithium Nickel Manganese Cobalt Oxide (LiNiMnCoO ₂)
Certificates	Certificate of Conformity, UN38.3



Typical product configuration.
Appearance and interfaces may vary.

We reserve the right to make technical changes and updates without prior notice. Specific values, performance data and other information in this data sheet, brochures and other product information, as well as illustrations and drawings in these documents, are solely illustrative and are subject to ongoing revision and modification.

Applications

- ✓ Marine propulsion and auxiliary systems
- ✓ Fully electric or hybrid propulsion systems



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