



#### Safe & reliable

Lithium Nickel Manganese Cobalt Oxide  
Cell Tested and Certified Product



#### Low TCO

Cost saving



#### More Usable Energy

More than 7 500 cycles



#### Easy Installation

Compact and Lightweight Battery Module



#### Modular Concept

Connection up to 8 packs in parallel



#### In-Software

Remote monitoring



#### Perfect Compatibility

Compatible with Both Residential  
Single & Three-Phase Inverters



#### Eco friendly

Up to 98% Recyclable



# Technical specifications

## Performance

Battery installed energy	9.2 kWh
Usable energy (0.5C/0.5C rated at 25°C)	9.0 kWh
Output power (rated at 25°C)	4.6 kW
Nominal voltage	51.1 V
Operating voltage range	46.0 – 58.0 V
Nominal capacity	180 Ah
Continuous charging current	90 A
Continuous discharging current	90 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	CAN 2.0B
Safety	Digital outputs for charger and inverter control

## General specifications

Dimensions (W x D x H)	450 x 122 x 850 mm
Dimensions (W x D x H) – mounting bracket included	450 x 157 x 850 mm
Weight (Floor stand toolkit included)	75 kg
Installation	Floor standing, Wall-mounted, Rack installation
Connection box	Side or Back
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 21
Cell technology	NMC - Lithium Nickel Manganese Cobalt Oxide (LiNiMnCoO <sub>2</sub> )
Scalability	Max. 8 packs in parallel installation

## Standard Compliance (available upon request)

Certificates	Certificate of Conformity, UN38.3
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### Applications

- ✓ Self-consumption
- ✓ Net-metering
- ✓ Emergency backup power



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.



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