



## Pack Specification Sheet

### Product Specifications

Number of cell-modules per pack	40
Nominal voltage	46,8 VDC
Rated energy	1,207 kWh
Rated capacity	25,80 Ah
Weight (approx.)	81 kg
Specific energy	15 Wh/kg
Roundtrip efficiency	90%
Dimensions (WxHxD)	482,6 x 178,8 x 1200 mm
Enclosure IP Rating	IP20
SoC at delivery	90%

### Electrical System

Voltage range	28,8 – 57,6 VDC
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### Environmental Limits

Humidity	5 – 95% RH
Pollution degree	2
Maximum altitude	2000 m

## Electrical Performance

Maximum charge power	12,1 kW
Maximum discharge power	11,5 kW
Cycle life, 100-0 % SOC	15000 Cycles

## Optimal Operating Conditions

SOC-window	100%
Power charge and discharge	3,6 kW
Ambient temperature	-40 to 80 °C

## Storage and Transport

Temperature	- 40 to 100 °C
Modes of transport	Sea, Air, Rail, Road
Storage time	3-5 Years

## BMS

BMS communication	Modbus TCP / Iso SPI
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## Certifications

Planned certifications	UL1973, UL9540A, IEC62619
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## Other

Heating/cooling requirements	Not required
Ventilation requirements	Not required
Anti firesystem requirements	Not required

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