

# Technical data

## Battery Lithium Series 48V 5.1 kWh



LONG-LASTING LITHIUM-ION BATTERIES



MAXIMUM CUSTOMER SATISFACTION



PLUG & PLAY



Battery Lithium Series 48V 5.1 kWh

# Technical data

## Electrical

Nominal Capacity	5.12 kWh
Usable Capacity	4.6 kWh
Depth of Discharge (DoD)	90%
Nominal Voltage	51.2V
Voltage operating range	48 - 57.6V
Cycle Life	>= 6000

## Physical

Weight	52 kg
Dimensions	475 x 446 x 200 mm
Protection class	IP20
Battery type	LiFePO <sub>4</sub>

## Operation

Maximum charge/discharge current	50A (0.5 C)
Temperature operating range	0°C...50°C
Humidity	15% - 85%
Maximum operating altitude	< 3000 m

## BMS

Energy consumption	<2 W running / <100mW at rest
Monitoring parameters	System voltage and current, Cell voltage and temperature
Communication	Compatible CAN and RS-485

CAUTION: READ THE INSTRUCTION AND INSTALLATION MANUAL BEFORE USING THE PRODUCT.

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