

Technical data

Lithium Series 48V 2.4 kWh Battery



LONG-LASTING LITHIUM-ION BATTERIES



MAXIMUM CUSTOMER SATISFACTION



PLUG & PLAY



Lithium Series 48V 2.4 kWh Battery

Technical data

Electrical

Nominal Energy	2.4 kWh
Nominal Capacity	50Ah
Depth of Discharge (DoD)	90%
Nominal Voltage	48V
Voltage operating range	40.5 - 54V
Cycle Life	>= 6000

Physical

Weight	22 kg
Dimensions	480 x 360 x 90 mm
Protection class	IP20
Battery type	LiFePO ₄

Operation

Charge/discharge current	25A (0.5 C)
Max. Charge current	45A
Max. Discharge current	55A
Temperature operating range (charge)	0°C...50°C
Temperature operating range (discharge)	-20°C...50°C
Humidity	5%...85%
Max. operating altitude	< 4000 m

BMS

Monitoring parameters	System voltage, Cell voltaje, current and temperature
Communication	Compatible CAN and RS-485