

Technical data

Battery Lithium Series Slim 48V 2.4 kWh



LONG-LASTING LITHIUM-ION BATTERIES



MAXIMUM CUSTOMER SATISFACTION



PLUG & PLAY



Battery Lithium Series 48V 2.4 kWh

Technical data

Electrical

Nominal Capacity	2,4 kWh
Usable Capacity	2,2 kWh
Depth of Discharge (DoD)	90%
Nominal Voltage	48 V
Voltage operating range	40,5 - 54V
Cycle Life	>= 6000

Physical

Weight	23 kg
Dimensions	440 x 505 x 66.5 mm
Protection class	IP20
Battery type	LiFePO ₄

Operation

Maximum charge/discharge current	50 A (1 C)
Standard charge/discharge current	25 A (0.5C)
Temperature operating range	0°C...50°C
Humidity	20% - 90%
Maximum operating altitude	< 4000 m

BMS

Self-current consumption (OFF mode)	<100 μ A
Monitoring parameters	System voltage and current, Cell voltage and temperature
Communication	Compatible CAN and RS-485

Compatibility

Inverters	Turbo, Victron, Voltronic, Goodwe, Growat, Solis, Sofar, Sermatec, SMA, Ingeteam, Darfon.
Max parallel units	15