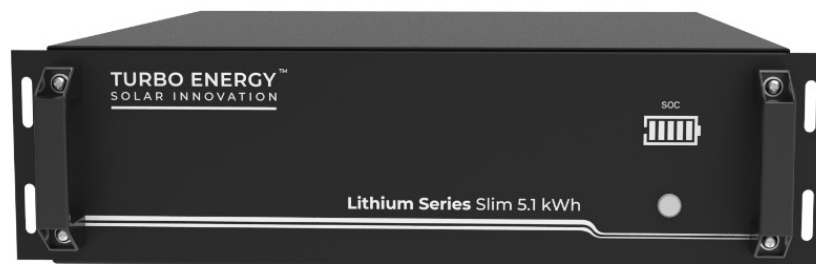


Technical data

Battery Lithium Series Slim 48V 5.1 kWh



LONG-LASTING LITHIUM-ION BATTERIES



MAXIMUM CUSTOMER SATISFACTION



PLUG & PLAY



Battery Lithium Series Slim 48V 5.1 kWh

Technical data

Electrical

Nominal Capacity	5.12 kWh
Usable Capacity	5 kWh
Depth of Discharge (DoD)	90%
Nominal Voltage	51.2V
Voltage operating range	43.2 - 57.6V
Cycle Life	>= 6000

Physical

Weight	44 kg
Dimensions	440 x 460 x 133 mm
Protection class	IP20
Battery type	LiFePO ₄

Operation

Maximum charge/discharge current	100A (1 C)
Standard charge/discharge current	50 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