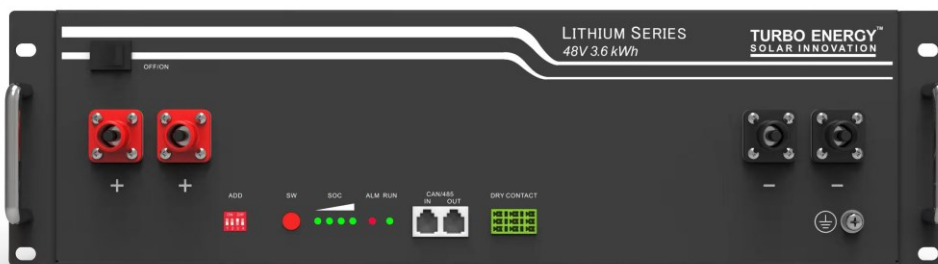


Technical data

Lithium Series 48V 3.6 kWh Battery



LONG-LASTING LITHIUM-ION BATTERIES



MAXIMUM CUSTOMER SATISFACTION



PLUG & PLAY



Lithium Series 48V 3.6 kWh Battery

Technical data

Electrical

Nominal Energy	3.6 kWh
Nominal Capacity	75Ah
Depth of Discharge (DoD)	90%
Nominal Voltage	48V
Voltage operating range	42 - 54V
Cycle Life	6000 cycles

Physical

Weight	30 kg
Dimensions	400 x 360 x 133.5 mm
Protection class	IP20
Battery type	LiFePO ₄

Operation

Recommended charge/discharge current	37.5A(0.5 C)
Max. Charge current	75A
Max. Discharge current	75A
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
Configuration	Max. 40 pcs in parallel