



Take charge of your energy. Wise Energy LTO Storage Battery provides an economically viable lifetime solution for your home energy storage.



1. Features

Quick Exchange

When the battery is out of power, it can be easily swapped by full power battery. Quick and easy. Fast Charge, long life

LTO Chemistry

25,000 extem long cycle life, and high C-rate capability allows fast chaging. Minimum quantity of batteries need to be kept to ensure machine or vehicle 7/24 continuous operation. -40°C ~ 60°C operational to suit for extrem environment, Super safety gives secure operation environment.

Wise Energy LTO battery lasts for 22,000 cycles, and has a tough weather proof case providing a lifetime energy storage solution.

Superior Performance

Provides 6.8kWh of energy storage. Superior cycling performance allows 3 cycles a day to take full advantage of your energy production and of peak energy pricing plan.

2. Specs

Specification

LTO36-6

Physical Characteristics

Size	L180 (188incl.bolts)xW138xH313
Weight	12kg
Installation	Fast power connection

Electrical Characteristics

Battery Chemistry	Lithium Titanate (LTO)
Energy Capacity	500Wh 100%depth of discharge



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Voltage	Nominal 13.8V /Range 10.8~16.8V
Rated DC Charge/Discharge Current	100A/15A
Rated DC Charge/Discharge Power	1000W /80W
Max DC Current(10sec)	180A
Max DC Discharge Power (10min)	150W
Fully Charge/discharge hours	30minutes/5.6hours
Battery Management System	Internal cell balancing, failure detection and trip. Under-Voltage, Over-Voltage, Over-Current, Over/Under-Temp protection and trip
Short circuit protection current	1000A 500us
Round trip efficiency	>95%

BMS

Communication	RS232/RS485/CAN
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Operating Conditions

Operation temp range	-40°C ~60°C
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Reliability and certification

Certifications	UN38.3, MSDS, UL1973(Cell), IEC 62619(Cell)
Hazardous materials classification	Class 9
Cycle Life(1C, 25°C ± 5°C)	25,000times cycle life/20+years
IP level	IP 54
System configuration	6 Series

Cycle life and Warranty

Warranty	3 years warranty
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3. Price Range

13.8V 500wh	1~100pcs	100~1000pcs	1000 5000pcs~	~
Battery price	Unit	US\$980	US\$800	US\$738



Wise Energy Technologies

Contact

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