



Wise Energy Technologies

LTO Energy Storage Battery System LV5600

WE-LTO LV Series

5.6kWh per unit | 56kWh Cabinet System

50.6V | Match with Low Voltage Single

Phase or Three Phase Hybrid Inverters



Wise Energy LTO LV series batterie is an lifetime solution for Large residential or small commercial and industrial applications. Match with major brands low voltage hybrid inverters to integrate to a low voltage large capacity system that facilitates high energy backup and load management for optimized autonomy and reduced energy cost. Highly integrated

1. Features



25,000 Cycle Life

Wise Energy LTO Battery gives the longest battery cycle life in the market. Your battery will be an investment adding value to your property.



Life time solution

Wise Energy LTO Storage Battery provides an economically viable lifetime solution for your home or commercial energy storage.



-40°C to 60°C

Wide temperature tolerance guarantees our Battery will be operating in the most extreme climates.



3+ Cycles a day

With a large cycle life and high C-rate capacity our batteries can be discharged 3 or more times per day, allowing you to take full advantage of peak pricing.



100% Depth of Discharge

By using a Lithium Titanate chemistry, Wise Energy Battery takes full advantage of the entire battery capacity.



Extreme Safety

Our Lithium Titanate battery chemistry is the safest in the market. It's non-explosive and withstand high temperature up to 240°C without thermal runaway.



Economically viable lifetime solution

Cutting Edge Technology and high compatability 尖端技术及高兼容性

Robust, safest, longest life and most cost effective solution.

Ready to be paired with solar inverter brands such as Goodwe, Growatt, Jinlang, Deye, Voltronic Power

Easy Installation 便捷的安装

Easy Installation in cabinets.

2. Specs

2.1 Electrical specification

Parameter	Ratings	Units	Notes
Nominal Voltage	50.6	V	
Voltage Range	40~60	V	
Nominal Capacity	110	Ah	
Nominal Energy	56	kWh	Each battery pack 5.6kWh
Nominal Charge/Discharge Current	200	A	
Max. Pulse Charge/Discharge Current	299	A	10sec
Operating Temperature Rang	-40~60	°C	
Cycle life	25000	time	

2.2 Physical Specifications

Specification	Ratings	Units	Notes
Battery Pack Dimensions	693x576x263	mm	Length(L)xWidth(W) x Height (H)
Battery Pack Weight	112.5	kg	
Cabinet Dimentions	1783x1450x900	mm	Height(H)xWidth(W),Depth(D)
Total system Weight	1414	kg	
Color	Greywhite RAL7035		
Door open style	A pair of doors can be opened on left and right sides		
Cabinet transport	Dissable the front and rear blocking board and use a fork lift to move the cabinet		
IP level	IP30		



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3. Pricing

	Unit price 50.6V 5.6kWh	Cabinet&cables for 10 battery packs
2~30pcs Batteries	\$3,611.11	\$11,00.00
31~100pcs Batteries	\$3,430.56	