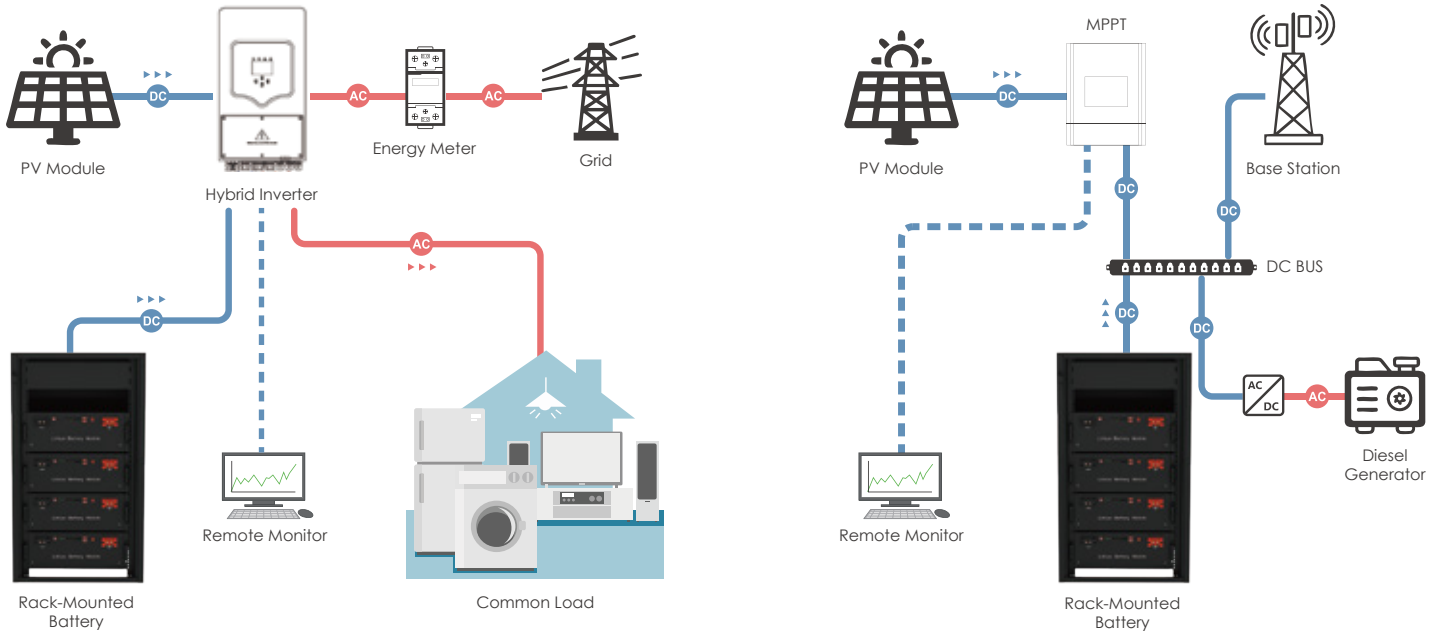


Rack-Mounted Energy Storage

TB4000X/TB6000X/TB8000X/TB8500X



System Topology

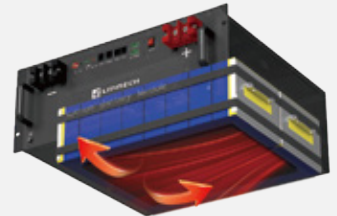


Product-Highlights

Anti-Corrosion & UV Resistance



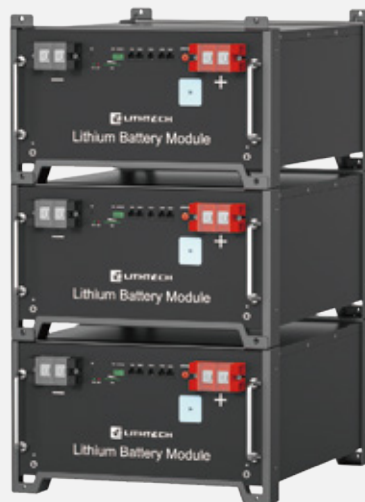
Efficient Heat Dissipation



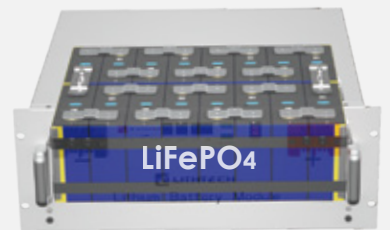
Modular Embedded Design
Flexible Expansion



Support Super
Easy Installation Mode



8000 Cycles



BMS Multiple Security
Protection, APP Remote
Information Interaction



Product Introduction

Laser Welding

The laser welding process is used to ensure the tight connection between the aluminum plate and the battery core, which is suitable for various complex and bumpy usage environments.

Steel Holder

Built-in Steel holder inside to fix all the cell, with excellent shock resistance ability.

Add

Automatically Identify The Address

Negative Port

Power Port

SOC/ALM/RUN

Indicator Light

RS232

Communication Port

CAN/RS485

Communication Port

Com 0/Com 1

Parallel Port

Dry Connect

Communication Port

Plastic Steel Belt

The trapping tape can well fix the cell and avoid possible impacts caused by shaking during use.

Smart BMS Built-in

Built-in intelligent BMS, with high and low temperature protection, short circuit protection, balancing system and other designs, safe and reliable.

Positive Port

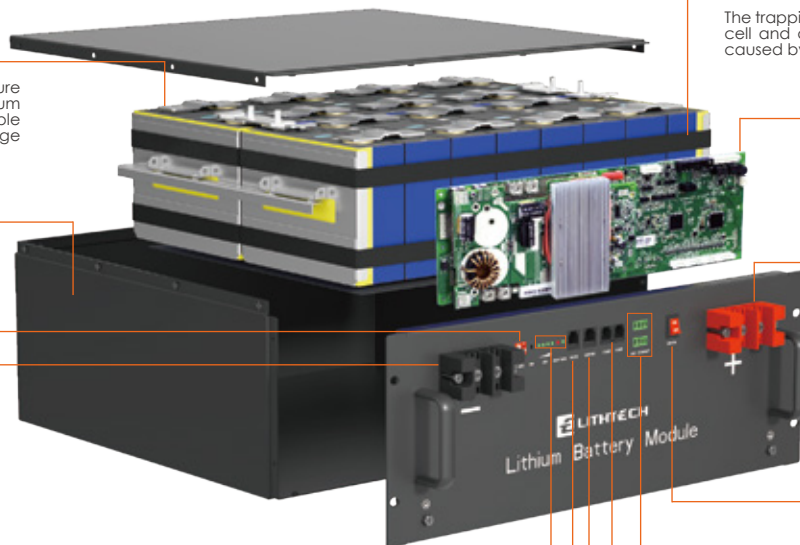
Power Port

Portable Handle

Steel Handle Design

Switch

Turn on / Turn off the power



Technical Parameter



Model	TB4000X	TB6000X	TB8000X	TB8500X
Nominal Voltage	51.2V			
Nominal Capacity	100Ah	200Ah	280Ah	314Ah
Charge & Discharge Current	100A	200A	200A	200A
Energy	5.12kWh	10.24kWh	14.336kWh	16.076kWh
Chemistry	LiFePO ₄			
Cycle life	5000 Times	5000 Times	8000 Times	8000 Times
Rated Output Power	5kW	10kW	10kW	10kW
Certification	CE, UN38.3, RoHS, UL1973 (on going)			
Communication	RS485, CAN, RS232 (Ethernet)			
WIFI/BT	No	Yes		
Waterproof	IP20/Splashproof			
Noise Level	< 10dB			
Charge Temperature	0°C to 55°C (32°F to 131°F)			
Discharge Temperature	-20°C to 60°C (-4°F to 140°F)			
Recommend Operating Temperature	15°C to 35°C (59°F to 95°F)			
Storage Temperature	0°C to 35°C (32°F to 95°F)			
Altitude	≤ 3000m			
Warranty	5 Years / 10 Years (Optional)			
Dimensions(W×H×D)	482×178×420mm	482×223×550mm	482×223×710mm	482×223×710mm
Weight	≈42kg	≈78kg	≈109.5kg	≈112kg



Cleaner Energy, Simplified Life!

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