



## 2.56kwh Wall Mounted Lifepo4 Battery pack 25.6V 100AH For Energy Storage System

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: TINKO/OEM
- Certification: CE/ROHS/MSDS/UN38.3
- Model Number: KTBG-24100
- Minimum Order Quantity: 1PC
- Price: Negotiable
- Packaging Details: 1pc/parer carton
- Supply Ability: 100pcs/day



### Product Specification

- Battery Type: Lifepo4
- Voltage: 25.6V
- Capacity: 100AH
- Weight: 50kg
- Size: 360\*560\*152mm
- Usage: Home & Business
- Warranty: 10 Years
- Original: Dongguan, China
- Highlight: 2.56kwh wall mounted lifepo4 battery, wall mounted lifepo4 battery 25.6V, 25.6V 100AH home battery storage



### More Images



## Product Description

### 2.56Kwh Lifepo4 Battery 25.6V 100AH For Home Energy Storage System

#### Product Description

Lifepo4 batteries have many advantages over traditional lead-acid batteries and other lithium-ion batteries. They are more safer, have a longer cycle life, higher temperature tolerance, lower self-discharge rate, and higher energy density, which makes them work more efficient, durable, and reliable for marine use. These factors make lifepo4 batteries a wonderful choice for electric tools and solar storage system

Our TTINKO storage battery is made for A level lifepo4 battery cell which is more stable. They provides a reliable power source during outages, ensuring essential systems remain operational. Also we have different capacity for you to choose according to your power use, and make the best plan which suit every house best. Especially for the one who lives in remote locations where grid access is limited.

#### Product Highlights

- Module level auto-balancing
- Compatible with over 20 inverters
- Smart BMS system
- Tier One, A+ Cell Composition
- 2.56kWh expandable up to 50kWh
- AC Coupled for both new and retrofitted installations
- Non-Toxic & Non-Hazardous Cobalt-Free LFP Chemistry
- No Thermal Runaway with Fire Propagation
- No Heat Generation, Mitigation, Thermal Monitoring or Toxic Cooling
- Extended Operating Temperature -4 to 140F
- Longer Lasting:10-20 year Design Life
- Multiple communication interfaces: RS485, RS232,CAN

#### Product Parameters

No.	Item	General Parameter		Remark
1	Combination way	8S1P		
2	Rated Capacity	Typical	105Ah	Standard discharge after Standard charge(for the whole battery pack)
		Minimum	100Ah	
3	Battery Pack Voltage Range	20V-29.2V(40-60%)		
4	Voltage at end of Discharge	20V		Discharge Cut-off Voltage
5	Charging Voltage	16-29.2V		
6	Internal Impedance	≤40mΩ		Internal resistance measured at AC 1KHZ after 50% charge  Should use those battery which finished within 1week after shipment and cycles less than 5times to do the measurement
7	Standard charge	Constant Current 20A Constant Voltage see No.5 0.02CA cut-off		Charge time : Approx 5 . 0 h
	Limiting current	100A		
8	Standard discharge	Constant current: 20A end voltage see NO.4		

Battery Pack	9	Maximum Continuous Charge Current	100A	$\geq 10^{\circ}\text{C}$
	10	Operation Temperature Range	Charge : 0~55	60 $\pm$ 25%R.H. Bare Cell
			Discharge : -20~60	
	11	Storage Temperature Range	Less than 12 months : -10~35	60 $\pm$ 25%R.H.at the shipment state
			Less than 3 months: -10~45	
			Less than 7 day : -20~65	
	12	Dimensions	360*560*152mm	Include Bracket
	13	Weight	Approx :50kg	

**TINKO® Dongguan KunTeng New Energy Technology Co., Ltd.**



15973225095



grace@tinko.com.cn



tinkopower.com

Room 1001, Building 4, No. 57 Fengguan Road, Fenggang Town, Dongguan City, Guangdong, China