



15.36kwh Lifepo4 Battery 48V 51.2V 300AH With Wheel For Home Solar Energy Storage System

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: TINKO/OEM
- Certification: CE/ROHS/MSDS/UN38.3
- Model Number: KTLS-51300
- Minimum Order Quantity: 1PC
- Price: Negotiable
- Packaging Details: 1pc/parer carton
- Supply Ability: 100pcs/day



Product Specification

- Battery Type: Lifepo4
- Voltage: 51.2V
- Capacity: 300AH
- Weight: 122kg
- Size: 620*260*840mm
- Usage: Home & Business
- Warranty: 10 Years
- Original: Dongguan, China
- Highlight: 15.36kwh lifepo4 battery 48v,
lifepo4 battery 48v 51.2V,
300AH home solar energy storage



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Product Description

High Power Lifepo4 Battery 15.36kwh 48V 51.2V 300AH For Residential Solar Energy Storage System

Product Description

Lithium iron phosphate (LiFePO₄ or LFP) battery have become more and more popular in the solar storage system due to their advantages over traditional lead-acid batteries and even over other lithium-ion batteries. It has a higher energy density, and it also has excellent safety performance. What the most important is that its lifespan is 3 times longer than lead acid battery, can up to 6000 cycles. This make it much popular in daily and business use. Our TINKO home storage battery system is an Inverter type Grid-tied system that is compatible with most solar panel systems. This means that it can be easily connected to your existing solar panel system, allowing you to store the excess energy generated during the day and use it at night or during power outages. We uses advanced technology and A grade lifepo4 battyery cell to ensure that it is efficient and reliable. It is designed to meet the needs of households that require a reliable source of backup power and it is especially useful for households that are located in areas that are prone to power outages.

Product Features

- Compatible with over 20 inverters
- A+ lifepo4 Cell Composition
- 10.55kWh high energy
- 99% Efficiency LiFePo4 16-Cell Pack with the voltage 51.2v
- Modular design gives highest flexibility
- Longer Lasting: 10-20 year Design Life
- Multiple communication interfaces: RS485, RS232,CAN
- Intelligent BMS system inside

Product Parameters

No.	Item	General Parameter		Remark
1	Combination method	16S1P		
2	Rated Capacity	Typical	300Ah	Standard discharge after Standard charge(for the whole battery pack)
		Minimum	300Ah	
3	Norminal Voltage	51.2V		Operation Voltage
4	Voltage at end of Discharge	40V		Discharge Cut-off Voltage
5	Charging Voltage Range	40-58V		
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 150A Constant Voltage 58V 0.01CA cut-off		15 ≤T<45
	Limiting current	1C		

Battery Pack	8	Standard discharge	Constant current: 0.2C end voltage 40-44V	
	9	Maximum Continuous Charge Current	1C	$\geq 10^{\circ}\text{C}$
	10	Operation Temperature Range	Charge : 0~55	60 \pm 25%R.H. Bare Cell
			Discharge : -30~60	
	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	620*260*840mm	Include Bracket
	13	Weight	Approx :122kg	

Product PIC



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