



## 4.8wh High Energy 24V 200AH Lifepo4 Battery For Solor Energy Storage

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: TINKO/OEM
- Certification: CE/ROHS/MSDS/UN38.3
- Model Number: KTQG - 24200
- Minimum Order Quantity: 1PC
- Price: Negotiable
- Packaging Details: 1pc/parer carton
- Supply Ability: 100pcs/day



### Product Specification

- Battery Type: Lifepo4
- Voltage: 25.6V
- Capacity: 200AH
- Weight: 42kg
- Size: 725\*365\*358mm
- Model: KTQG-24200
- Package: Paper Carton
- Original: Dongguan, China
- Highlight: **Energy Storage 24v 200ah lifepo4 battery, 4.8wh lifepo4 battery 24v 200ah, Solor lifepo4 24v 200ah**

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## Product Description

### TINKO 24V 200Ah LiFePO4 Battery Use as a Backup Power

#### Product Description

Introducing our state-of-the-art 24V 200AH LiFePO4 Battery, designed to provide superior performance and reliability for all your energy needs. Utilizing high-quality A-grade lithium iron phosphate (LiFePO4) cells, this battery ensures a longer lifespan and greater stability compared to conventional lead-acid batteries.

TINKO 24V 200Ah LiFePO4 battery pack includes 8pcs of 3.2V 206Ah Lifepo4 battery cell, unlike traditional lead acid battery, they are more stable and have a higher energy density, they can store more energy in the same volume or weight. The cycle life of lithium batteries is typically 2-3 times that of lead-acid batteries, so it can reduce the frequency of replacements and maintenance costs in the long run. They are widely used in many areas such as RV, Solar system, Household Battery back up, Marine, Off-Grid and Electric Scooter, Electric Handicap and so on. Each battery has intelligent BMS to ensure safe and efficient operation.

#### Key Features:

- 1. Advanced Lithium Iron Phosphate Technology:** Our battery is crafted with A-grade LiFePO4 cells, offering a lifespan that significantly outlasts traditional battery solutions while maintaining exceptional performance stability.
- 2. High Energy Density and Lightweight Design:** Experience the advantages of superior energy density which translates to a lighter weight. The 24V 200AH LiFePO4 Battery not only provides better energy output but also facilitates easier handling and installation.
- 3. Enhanced Discharge Performance:** With advanced technology, this battery provides efficient discharge capabilities, ensuring a reliable power supply for your applications, whether for renewable energy storage, electric vehicles, or other energy-intensive uses.
- 4. Extended Cycle Life:** Our battery offers a long cycle life, meaning fewer replacements over time. This ultimately reduces your maintenance costs, making it a cost-effective solution for your energy storage needs.
- 5. Wide Operating Temperature Range:** Designed to operate seamlessly across a broad temperature spectrum, this battery is built to withstand various environmental conditions, providing you with peace of mind.
- 6. Eco-Friendly Characteristics:** Our 24V 200AH LiFePO4 Battery is environmentally friendly, ensuring you contribute to sustainability while enjoying high-performance energy solutions.
- 7. Integrated Smart BMS:** The built-in intelligent Battery Management System (BMS) allows for real-time monitoring of the battery's health status, providing you with vital information and enhancing overall safety during operation.

Elevate your energy storage solution with our 24V 200AH LiFePO4 Battery, where longevity, efficiency, and reliability meet cutting-edge technology. Ideal for diverse applications, this battery is your ultimate choice for sustainable and robust energy management.

#### Product Parameters

NO	Projects	Specification	Remark
<b>Cell unit parameter</b>			
1	Battery types and materials	LiFePO4	
2	Rated voltage/capacity	3.2V / 200Ah	
3	Single battery voltage range	2.5V 3.65V	
4	Single battery weight	4.2Kg	
5	The battery internal resistance	≤ 0.4mΩ	
6	Battery size	53*173*204mm	
<b>Battery parameter</b>			
1	Rated voltage	25.6V	
2	Rated capacity	200Ah	
3	Battery pack voltage range	20 29.2V	

4	Total Power	5.12KWh	
5	Combination	8S1P	
6	Insulation resistance test value	$\geq 1.2\text{M}\Omega$	
7	Operating temperature	Charging 0 ~ 55 Discharging -20 ~ 60	
8	Standard charging current	0.2C	
9	Quick charging current	0.5C	
10	Standard discharge current	0.5C	
11	Maximum continuous discharge current	1C	
12	Gross weight	Around 39.95kG	
13	Ambient relative humidity	20-85%RH	
14	Battery size	640*245*220(mm)	

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



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