



## Rack Mounted Home Backup Storage Syatem 51.2V 48V 100ah For Residential and Telecom

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: 3U
- Minimum Order Quantity: 1PC
- Price: Negotiable
- Packaging Details: 1pc/parer carton
- Supply Ability: 100pcs/day



### Product Specification

- Color: Black
- Voltage: 51.2V/48V
- Efficiency:  $\geq 95\%$
- Chemistry: Lifepo4
- Communication: Wi-Fi RS485, RS232
- Cycle Life: 6000 Cycles
- Capacity: 5.12kWh
- Application: Home, Solar System, Telecom
- Highlight: 51.2V Home Backup Storage Syatem , 100ah Home Backup Storage Syatem



### More Images



## Product Description

### rack mounted 5.12kwh 51.2V 48V solar energy storage lifepo4 battery for solar system and Telecom

Introducing the KT-3U, a cutting-edge 51.2V 100AH rackable LiFePO4 battery pack designed to meet the demands of both residential and commercial energy storage solutions. Engineered for longevity and reliability, this high-performance lithium iron phosphate (LiFePO4) battery is your go-to choice for sustainable power management.

The KT-3U's impressive 51.2V voltage and robust 100AH capacity ensure that you have the energy you need, whether for backup power applications, solar energy storage, or powering electric vehicles. Its rackable design makes it easy to integrate into existing systems, maximizing space efficiency without compromising on performance.

Safety is paramount, and our LiFePO4 battery is known for its thermal stability and low risk of thermal runaway, providing peace of mind along with superior energy density. Additionally, the KT-3U features a Built-in Battery Management System (BMS) that protects against overcharging, discharging, and short-circuiting, ensuring safe and efficient operation.

Embrace the future of energy storage with the KT-3U 51.2V LiFePO4 battery, a perfect blend of innovation and reliability. Ideal for various applications including renewable energy systems, off-grid setups, and energy storage for commercial use, this battery pack is designed to deliver exceptional performance and a long service life.

Experience the power of the KT-3U today and make a smart investment in your energy future!

### PRODUCT FETURE

- Compatible with over 20 kinds of inverters
- Brand new famous A+ Lifepo4 Cell
- 5.12kWh expandable up to 81.92kWh
- Modular design endure highest flexibility
- Long Cycle Life; 10-20 year Design Life
- Multiple communication interfaces: RS485, RS232,CAN

### PRODUCT SPECIFICATIONS

NO.	Basic Parameters	Model: KT-3U	Note
1	Nominal Voltage (V)	51.2V	
2	Nominal Capacity (Ah)	100AH	Standard discharge after Standard charge
3	Energy (kWh)	5.12kWh	
4	Internal Impedance (mΩ)	≤40mΩ	Internal resistance measured at AC 1KHZ after 50% charge
5	Standard Charge	Constant Current 20A (0.2C)	Chraging Time: around 5 hours
6	Charge Cut-off Voltage (V)	58.4V	
7	Discharge Cut-off Voltage (V)	40V	
8	Max Continuous Charge Current (A)	100A	≥10
9	Max Continuous Discharge Current (A)	100A	≥10
10	Working Temperature Range ( )	-20~60 (Discharge) 0~55 (Chrage)	
11	Storage Temperature Range	Less than 12 months: -10~35 Less than 3 months: -10~45 Less than 7 days: -20~65	60±25%R.H.at the shipment state
12	Communication Port	RS485, RS232,CAN	
13	Cycle Life (Cycles)	6000 times @80% DOD	
14	Design Life (Years)	10 years	
15	Dimension (mm)	530*465*155mm	
16	Weight (kgs)	47kgs	

17	Max Stackable Number	16	
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### Packing Pics



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