



Rack Mounted 15kwh 51.2V Solar Battery Storage Syatem 51.2V 280ah For Telecom

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: TINKO/OEM
- Certification: CE/ROHS/MSDS/UN38.3
- Model Number: 8U
- 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: 14.336kWh
- Application: Home, Solar System, Telecom
- Highlight: **15kwh Solar Battery Storage Syatem, 51.2V Solar Battery Storage Syatem**



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Product Description

rack mounted 14.336kwh 51.2V solar energy storage battery 48V 280ah lithium ion battery for solar system and Telecom

Product Description:

Introducing our state-of-the-art Rack-Mount 48V 280AH LiFePO4 Battery, designed to meet the power storage needs of both home and commercial applications. This high-capacity battery is the perfect solution for any solar system, delivering a robust performance while ensuring safety and longevity.

Key Features:

1. Whether for residential use or commercial settings, this LiFePO4 battery is adaptable to various scenarios, making it an ideal choice for all your power needs.
2. With a generous capacity of 280AH, this battery can provide up to 15 kWh of electricity, ensuring sufficient power supply to support your devices and appliances.
3. Intelligent Battery Management System (BMS): Our advanced BMS allows you to monitor your battery status in real-time. The integrated screen displays essential data, empowering you to manage your energy with ease and confidence.
4. The 48V LiFePO4 battery is compatible with a wide range of inverters and communication protocols, providing flexibility and convenience in integration with your existing solar system setup.
5. Engineered for durability, our LiFePO4 battery offers an exceptional cycle life and extended design lifespan, reducing the need for frequent replacements and providing outstanding value for your investment.

Upgrade your energy solution with our Rack-Mount 48V 280AH LiFePO4 battery—a reliable choice for sustainable power storage and performance. Ideal for your solar system, this battery embodies the ultimate in technology and efficiency, ensuring you have the power you need at your fingertips.

PRODUCT ADVANTAGE:

- Compatible with over 20 inverters
- Brand new A+ Lifepo4 Cell
- 14.336kWh expandable up to 430.08kWh
- Modular design gives highest flexibility
- Longer Circle Life; 10-20 year Design Life
- Multiple communication interfaces: RS485, RS232,CAN

PRODUCT SPECIFICATIONS

No.	Item	General Parameter		Remark
1	Combination method	16S1P		
2	Rated Capacity	Typical	280Ah	Standard discharge after Standard charge(for the whole battery pack)
3	Factory Voltage	51V-53V(40-60%)		Operation Voltage
4	Voltage at end of Discharge	40V		Discharge Cut-off Voltage
5	Voltage at end of Charge	58.4V		Charge Cut-off Voltage

Battery Pack	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 140A	Charge time : Approx 2h
		Limiting current	280A	
	8	Standard discharge	Constant current:140A	
	9	Maximum Continuous Charge Current	280A	≥10°C
	10	Operation Temperature Range	Charge : 0~55	60±25% R.H. Bare Cell
			Discharge : -20~60	
	11	Storage Temperature Range	Less than 12 months : -10~35	60±25%R.H.at the shipment state
			Less than 3 months: -10~45	
			Less than 7 day : -20~65	
	12	Dimensions	780*458*225mm	Include Bracket
13	Weight	Approx :110kg		

Packing Pics



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