



5.12Kwh Wall Mounted Solar Battery Lifepo4 100Ah 48V For Energy Storage System

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: TINKO/OEM
- Certification: CE/ROHS/MSDS/UN38.3
- Model Number: KT-48100X
- Minimum Order Quantity: 1PC
- Price: Negotiable
- Packaging Details: 1pc/parer carton
- Supply Ability: 100pcs/day



Product Specification

- Battery Type: Lifepo4
- Voltage: 48V
- Capacity: 100Ah
- Weight: 45kg
- Size: 501*452*171mm
- Installation: Wall-mounted
- Usage: Energy Storage
- Original: Dongguan, China
- Highlight: 5.12Kwh wall mounted solar battery,
100Ah 48V wall mounted solar battery,
100Ah 48V solar battery wall mount

Product Description

TINKO 100AH 48V Wall Mounted 5.12kwh Storage Battery for Residential Use

Product Description

Introducing the 5.12KWH Wall-Mounted Home Energy Storage Battery, a compact and efficient solution for your energy needs. Designed for ease of installation and optimized for limited space, this sleek energy storage unit can be conveniently wall-mounted, making it ideal for homes of all sizes.

Key Features:

- The space-saving design allows for seamless integration into your home environment, ensuring that energy storage is both effective and unobtrusive.
- Equipped with high-quality A-grade lithium iron phosphate (LiFePO₄) cells, our battery guarantees exceptional stability and durability. With an impressive cycle life, this battery is built to sustain long-term performance, making it a reliable choice for your energy storage needs.
- This battery is designed to be compatible with a variety of inverter brands, ensuring versatility in installation. Furthermore, it supports multiple communication protocols, facilitating seamless integration with existing energy systems.
- Experience peace of mind with our advanced battery management system. This intelligent feature not only monitor the battery's health but also optimizes its performance, ensuring safe and efficient energy usage.

This 5.12KWH battery operates at 48V, 51.2V and features a capacity of 100AH, making it an exceptional choice for homeowners looking to enhance their energy independence. Whether you aim to reduce electricity costs or bolster your home's power reliability, our wall-mounted energy storage battery is your ultimate solution.

Elevate your home's energy management with our 5.12KWH Wall-Mounted Home Energy Storage Battery – where efficiency meets innovation.

Technical Parameters

NO.	Items	General Parameters	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 The measurement must use the new batteries that within one week after shipment and cycles less than 5times
5	Standard Charge	Constant Current 0.5C	Charging time around 2 hours
6	Charge Cut-off Voltage (V)	58.4V	
7	Discharge Cut-off Voltage (V)	40V	
8	Max charge current (A)	100A	
9	Max discharge current (A)	100A	
10	Communication Port	RS232,RS485,CAN	
11	Design Life	10 years	
12	Cycle life	6000 cycles	
13	Operation Temperature Range	Charge : 0~55 Discharge : 0~55	60±25%R.H.
14	Storage Temperature Range	Less than 12 months :- 10~35 Less than 3 months:- 10~45 Less than 7 day : -20~65	60±25%R.H. at the shipment state
15	Dimensions	500*450*171(mm)	Include Bracket
16	Weight	Approx :47kg	



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