



High-Performance JREK Rack Lithium Energy Storage Battery for Solar Power Systems

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: JEK
- Certification: CE
- Model Number: JREK48
- Minimum Order Quantity: 6 units
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T



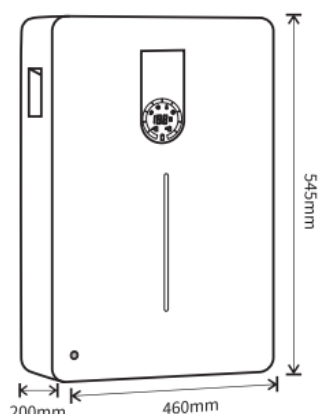
Product Specification

- Standard Voltage: 48V / 51.2V
- Standard Capacity: 100Ah / 200Ah / 300Ah
- Cycle Life: Over 6000 Cycles
- IP Rating: IP21 (Optional IP65)
- Operating Temperature (Discharge): -20°C To 60°C
- Max Parallel Units: 15 Pcs
- Highlight: **48v energy storage lithium,**
48v lithium energy storage,
ip65 energy storage lithium

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Product Description

High-Performance JREK Rack Lithium Energy Storage Battery for Solar Power Systems



48V100AH/51.2V100AH/



48V200AH/51.2V200AH/

Product Description:

The JREK Rack Lithium Energy Storage Battery series is a high-performance energy storage solution designed to support both residential and commercial applications. Available in various capacities ranging from **4.8kWh to 15.36kWh**, these batteries are ideal for integrating into solar power systems and providing off-grid energy storage solutions. Each unit in the series is designed to offer reliable performance with more than **6000 cycles**, ensuring a long lifespan. The batteries feature smart communication protocols including **RS232, CAN, and RS485**, with optional WiFi or Bluetooth connectivity for seamless integration with modern energy management systems. With **IP21 protection** (IP65 optional), these batteries are built to withstand a variety of environmental conditions. The modular and stacked installation allows for easy expansion and scalability, making it a versatile solution for growing energy needs.

Model	JEK-48100	JEK-48200	JEK-48300	JEK-51.2100	JEK-51.2200	JEK-51.2300
Standard voltage	48V	48V	48V	51.2V	51.2V	51.2V
Standard Capacity	100Ah	200Ah	300Ah	100Ah	200Ah	300Ah
Standard Energy	4.8kWh	9.6kWh	14.4kWh	5.12kWh	10.24kWh	15.36kWh
Working Voltage	40.5-54v 43.2-57.6v					
Standard Charge Current	50A	100A	150A	50A	100A	150A
Standard Discharge Current	100A	100A	150A	100A	100A	150A
Suggested DOD	80%					
Cycle Life	>6000cycles					
IP Rating	IP21 (IP65 optional)					
Operating temperature for discharge	-20°C~60°C					
Operating temperature for charge	0°C~45°C					
Max Parallel	15pcs					
Communication	RS232/CAN/RS485(WIFI/BT optional)					
Display	LED/LCD/(touchscreen) optional					

Warranty	5years					
Certificate UN38.3/MSDS/CE/ROHS/FCC						
N.W./unit(kg)	47.2	82.6	112	46.5	93	118
G.W./unit(kg) 51 105 130 55 109 136						
ProductSize/unit(mm)	545*460*200	790*530*200	790*530*240	545*460*200	790*530*200	790*530*240
Meas/unit(mm)	625*540*300 870*610*410 930*610*440 625*540*300 870*610*410 930*610*440					

Application:

The JREK Rack Lithium Energy Storage Battery series is suitable for a wide range of applications, including:
 Residential energy storage, providing reliable backup power during outages.
 Commercial energy systems, supporting peak shaving and energy cost reduction.
 Integration with solar power systems to store excess energy generated during the day.
 Off-grid energy supply for remote locations or industrial applications.

Shipping Methods

Supports global air and sea shipping.



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