



## 5.12kWh 51.2V 100Ah-3U Battery Rack For Solar Energy Storage

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: GK
- Certification: IEC62619 CE UN38.3 MSDS
- Model Number: GKBR
- Minimum Order Quantity: 10 units
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T



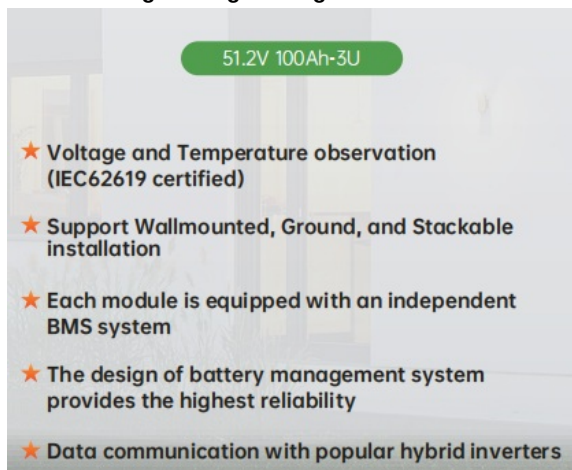
### Product Specification

- Rated Voltage: 51.2V
- Capacity: 100Ah
- Energy: 5.12kWh
- Max. Charge/Discharge Current: 100A
- Cycle Life: 6000 Cycles (at 25±2°C, 80% DoD)
- Certification: IEC62619, CE, UN38.3, MSDS
- Highlight: 5.12kWh long term lithium battery storage ,  
51.2V long term lithium battery storage ,  
100A long term storage lithium ion battery

for more products please visit us on fuhaosolar.com

## Product Description

### 5.12kWh Long-Lasting and High-Performance 51.2V 100Ah-3U Battery Rack for Solar Energy Storage



#### Product Description:

This **51.2V 100Ah-3U Battery Rack** is a versatile and reliable energy storage solution designed for residential and commercial applications. It is certified with IEC62619, providing peace of mind with the highest safety and performance standards. The battery module supports wall-mounted, ground, and stackable installations, making it adaptable for various setups. Each battery module is equipped with an independent BMS (Battery Management System) to monitor voltage and temperature, ensuring long-lasting reliability and efficient energy usage. This rack offers 6000+ life cycles at 80% DoD, making it a high-performance solution for integrating with hybrid inverters in energy storage systems.

Battery Cell	REPT Cell
Rated Voltage	51.2V
Capacity	100AH
Energy	5.12KWh
Max.charge Voltage	56Vdc
Max.discharge Voltage	46Vdc
Max.charge Current	100A
Max.discharge Current	100A
Dimension (W*H*D)	420*550*132.5mm/16.6*21.7*5.2 in
Gross weight	45kgs /99 lbs
Cycle Life (25±2°C,0.5C/0.5C,80%DoD)	6000
Certification	CB IEC62619,CE-EMC,MSDS,UN38.3

#### Application:

The **51.2V 100Ah-3U Battery Rack** is ideal for residential, commercial, and industrial energy storage applications. It can be used for solar energy storage, off-grid power systems, or in combination with hybrid inverters for backup power during grid outages. It is also suitable for areas with inconsistent energy supply, helping to reduce energy costs by optimizing energy storage during off-peak hours. The modular design enables flexibility and scalability for various setups and capacities.

#### Shipping Methods

Supports global air and sea shipping.



**RICHGOOD ENERGY CO.,LTD**



[willa@fuhaosolar.com](mailto:willa@fuhaosolar.com)



[fuhaosolar.com](http://fuhaosolar.com)

Rm3810 Baoli E Building Pa Zhou Haizhu district Guangzhou