



## Lithium Battery Storage for Residential and Commercial Energy Applications

### Our Product Introduction

#### Basic Information

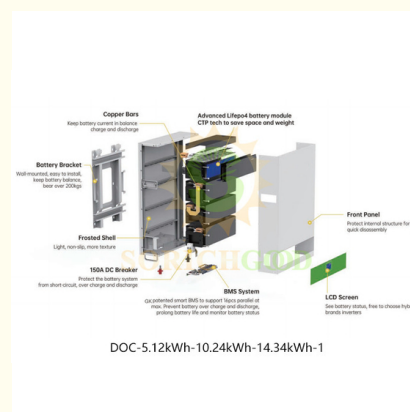
- Place of Origin: China
- Brand Name: GK
- Certification: CB IEC62619 CE-EMC MSDS UN38.3
- Model Number: GKPSW
- Minimum Order Quantity: 10 units.
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T



DOC-5.12kWh-10.24kWh-14.34kWh

#### Product Specification

- Capacity: 100Ah / 200Ah / 280Ah
- Energy: 5.12kWh / 10.24kWh / 14.34kWh
- Rated Voltage: 51.2V
- Max Charge Voltage: 56Vdc
- Max Discharge Voltage: 46Vdc
- Cycle Life: 6500 Cycles (25±2°C, 0.5C/0.5C, 80%DoD)
- Highlight: **residential lithium battery storage, residential commercial energy solutions, commercial lithium battery storage**



DOC-5.12kWh-10.24kWh-14.34kWh-1

## Product Description

### Lithium Battery Storage for Residential and Commercial Energy Applications

#### Product Description:

This lithium battery storage unit offers a highly reliable and efficient solution for residential and commercial energy storage applications. Available in three capacities—5.12kWh, 10.24kWh, and 14.34kWh—it uses advanced LiFePO4 battery technology, known for its high safety and long lifecycle. Each unit comes with an independent BMS system to monitor voltage and temperature, providing IEC62619-certified protection. The modular design allows for easy installation, supporting wall-mounted, ground, and stackable configurations. Ideal for users who want to reduce their electricity bills and maximize solar energy investment.

Battery Chemistry LiFePO4 Battery			
Rated Voltage	51.2V		
Capacity	100AH	200AH	280AH
Energy	5.12kWh	10.24kWh	14.34kWh
Max.charge Voltage	56Vdc		
Max.discharge Voltage	46Vdc		
Max.charge Current	100A	150A	150A
Max.discharge Current	100A	150A	150A
Dimension(W*H*D)	650*436*160mm/ 25.6*17.2*6.3 in	780*550*160mm/ 30.7*21.6*6.3 in	900*675*200mm/ 35.4*26.6*7.9 in
Gross weight	45kgs/99 lbs	84.5kgs/186 lbs	142.5kgs/314 lbs
Cycle Life (25±2℃,0.5C/0.5C, 80%DoD)	6500		8500
Certification CB IEC62619,CE-EMC,MSDS,UN38.3			

#### Application:

This battery storage system is perfect for residential solar energy systems, small commercial setups, and hybrid inverter communications. It provides seamless integration with existing energy management systems, offering reliable data communication for efficient energy storage and distribution. With its high charge and discharge rates, the unit is suitable for optimizing power use during peak and off-peak periods.

#### Shipping Methods

Supports global air and sea shipping.



**RICHGOOD ENERGY CO.,LTD**



willia@fuhaosolar.com



fuhaosolar.com

Rm3810 Baoli E Building Pa Zhou Haizhu district Guangzhou