



114.72kWh To 186.42kWh Lithium Battery Storage For Large Scale Energy Management

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: GK
- Certification: IEC62619 CE
- Model Number: CIE114
- Minimum Order Quantity: 1 Unit
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T



DOC-HV51280 14.34KWH Module

Product Specification

- Nominal Voltage: 409.6V To 665.6V
- Capacity: 114.72kWh To 186.42kWh
- Nominal Working Current: 150A
- Cycle Life: ≥ 6500 Cycles
- Peak Charge/Discharge Current: 200A
- Waterproof Rating: IP20
- Highlight: **186.42kWh Lithium Battery Storage,**
114.72kWh Lithium Battery Storage,
IP20 lithium ion for solar storage

Product Description

114.72kWh to 186.42kWh Lithium Battery Storage for Large-Scale Energy Management

Product Description:

This Commercial & Industrial Energy Storage System (ESS) offers a standardized, modular design aimed at high energy efficiency and long-lasting operation. With a nominal capacity ranging from 114.72kWh to 186.42kWh, the ESS uses **LiFePO4** battery technology to ensure durability and safety. Each unit comes with advanced **GK-developed BMS** tested over 10 years for reliable performance, built-in high-performance PCS to ensure safety, and a lifespan of over 6500 cycles. The ESS features IP20 waterproof protection, making it ideal for various commercial environments. Its scalable architecture allows seamless integration with existing energy systems, supporting floor-standing installations.

Nominal Capacity	114.72kWh	143.4kWh	172.08kWh	186.42kWh
Cell Matching	128S1P	160S1P	192S1P	208S1P
Nominal Voltage	409.6V	512V	614.4V	665.6V
Working Voltage Range	176-233.6V	264-350V	440-584V	582.4-748.8V
Weight	1165kgs/2568 lbs	1370kgs/3020 lbs	1624.5kgs /3581 lbs	1844.5kgs/4066 lbs
Dimension(W*D*H)	1200*1000*2200mm/47.2*39.4*81.4 in			
Batter Type	LiFePO4 Battery			
Nominal Working Current	150A			
Communication Port	CAN/RS485			
Working Temperature Range	Charge:0-45°C/Discharge:-10-50°C			
Waterproof	IP20			
Installation Method	Floor-standing			
Cycle Life	6500			
Peak Charge/Discharge Current(@25°C,5S)	200A			
Discharge Rate of Module	≤3.5%/month/@25°C			

Application:

This ESS is designed for use in commercial and industrial environments where energy storage is crucial. Ideal for large-scale energy management, including peak shaving, load shifting, and backup power, it is suitable for applications such as:

Factories

Shopping malls

Industrial parks

Smart grid systems

Renewable energy integration Its modularity ensures easy scalability to meet growing energy demands, and the built-in **BMS** system provides real-time monitoring and safety control.

Shipping Methods

Supports global air and sea shipping.



RICHGOOD ENERGY CO.,LTD



willa@fuhaosolar.com



fuhaosolar.com

Rm3810 Baoli E Building Pa Zhou Haizhu district Guangzhou