



11.52kWh To 30.72kWh High Capacity Lithium Battery Storage For Renewable Energy Management

Our Product Introduction

for more products please visit us on fuhaosolar.com

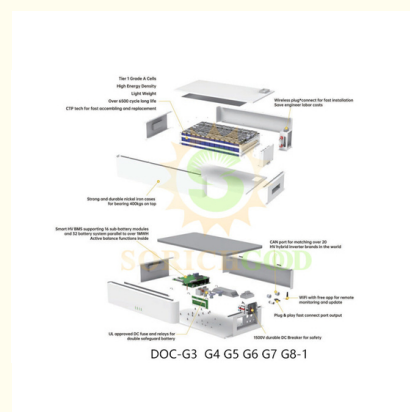
Basic Information

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



Product Specification

- Nominal Capacity: 11.52kWh To 30.72kWh
- Nominal Voltage: 230.4V To 614.4V
- Waterproof: IP55
- Cycle Life: 6000 Cycles
- Peak Charge/Discharge Current: 63A
- Working Voltage Range: 198V–691V (depending On Model)
- Highlight: **30.72kWh Lithium Battery Storage, 11.52kWh Lithium Battery Storage, IP55 lithium battery for solar storage**



Product Description

11.52kWh to 30.72kWh High-Capacity Lithium Battery Storage for Renewable Energy Management

Product Description:

The HV Power Storage Brick is a high-capacity energy storage solution that supports both scalability and efficient energy management. Featuring a LiFePO4 battery, it comes with a nominal voltage ranging from 230.4V to 614.4V and offers capacities from 11.52kWh to 30.72kWh. Its modular structure enables easy installation and allows for parallel connection of up to 16 units, achieving a total scalable energy capacity of up to 122.88kWh. With a robust waterproof rating of IP55, it is ideal for floor-standing installation in both indoor and outdoor environments. Additionally, this system is equipped with GK's advanced BMS technology, ensuring stable and long-lasting battery performance. The system is compatible with most leading inverters and provides smart monitoring via CAN/RS485 communication ports.

Nominal Capacity	11.52kWh	15.36kWh	19.20kWh	23.04kWh	26.88kWh	30.72kWh
Cell Matching	72S1P	96S1P	120S1P	144S1P	168S1P	192S1P
Nominal Voltage	230.4V	304.2V	384V	460.8V	537.6V	614.4V
Working Voltage Range	198-259.2V	264-345.6V	330-432V	396-518.4V	462-604.8V	528-691.2V
Weight	157.5kgs / 347 lbs	198.5kgs / 437 lbs	242.5kgs / 535 lbs	285kgs / 628 lbs	327.5kgs / 722 lbs	370kgs / 816 lbs
Dimension (W*D*H)	680*378*660mm / 26.8*14.9*26.0 in	680*378*800mm / 26.8*14.9*31.5 in	680*378*940mm / 26.8*14.9*37 in	680*378*1080mm / 26.8*14.9*42.5 in	680*378*1220mm / 26.8*14.9*48.0 in	680*378*1360mm / 26.8*14.9*53.5 in
Battery Type	LiFePO4 Battery					
Nominal Working Current	50A					
Communication Port	CAN/RS485					
Working Temperature Range	Charge:0-45°C/Discharge:-10-50°C					
Waterproof	IP55					
Installation Method	Floor-standing					
Cycle Life	6000					
Peak Charge/Discharge Current (@25°C,5S)	63A					
Discharge Rate of Module	≤3.5%/month/@25°C					
Module Series Connection /Module	3S-8S					
Parallel Connection	16units in parallel					

Application:

This storage solution is designed for large-scale residential, commercial, and industrial energy storage applications. It is ideal for integrating with solar and hybrid inverters in microgrid setups, backup power systems, and other renewable energy installations. Its flexibility and expandability make it suitable for energy-intensive industries, electric vehicle charging infrastructure, and commercial renewable energy management systems.

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