



LiFePO4 Lithium Battery Storage With Nominal Capacity Range From 20.48kWh To 61.44kWh

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: GK
- Certification: IEC62619 CE
- Model Number: CIE
- Minimum Order Quantity: 5 units
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T



Product Specification

- Nominal Capacity: 20.48kWh - 61.44kWh
- Nominal Voltage: 204.8V - 512V
- Working Voltage Range: 176V - 691V
- Cycle Life: 6500
- Peak Charge/Discharge Current: 150A
- Waterproof Rating: IP20
- Highlight: **LiFePO4 Lithium Battery Storage, 20.48kWh Lithium Battery Storage, 61.44kWh lithium batteries for solar energy storage**

Product Description

LiFePO4 Lithium Battery Storage with Nominal Capacity Range from 20.48kWh to 61.44kWh

Product Description:

The Commercial & Industrial ESS is a highly modular energy storage system designed for high-capacity applications. With a nominal capacity range from 20.48kWh to 61.44kWh, this system is ideal for large-scale energy needs. Built with LiFePO4 batteries, it offers robust energy storage with over 6500 life cycles. Featuring a nominal working current of 100A and a CAN/RS485 communication interface, the system operates efficiently across a wide temperature range of 0°C to 45°C (charge) and -10°C to 50°C (discharge). This floor-standing system is suitable for both indoor and outdoor installations with its IP20 waterproof rating, ensuring reliability in various environments. Additionally, the integrated BMS provides real-time monitoring for enhanced safety and operational longevity.

Nominal Capacity	20.48kWh	30.72kWh	40.96kWh	51.2kWh	61.44kWh
Cell Matching	64SIP	96S1P	128SIP	160SIP	192SIP
Nominal Voltage	204.8V	307.2V	409.6V	512V	512V
Working Voltage Range	176-233.6V	264-350V	352-467.2V	440-584V	537.6-691.2V
Weight	201.4kgs/444 lbs	309.6kgs/683 lbs	492.8kgs/1086 lbs	499kgs/1100 lbs	582.2kgs/1284 lbs
Dimension(W*D*H)	553*503*1011mm/ 21.8*19.8*39.8 in	553*503*1620mm/ 21.8*19.8*63.8 in	553*503*1620mm/ 21.8*19.8*63.8 in	553*503*2230mm/ 21.8*19.8*87.6 in	553*503*2230mm/ 21.8*19.8*87.6 in
Battery Type	LiFePO4 Battery				
Nominal Working Current	100A				
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)	150A				
Discharge Rate of Module <3.5%/month/@25°C					

Application:

This Commercial & Industrial ESS is ideal for industrial parks, large commercial operations, microgrids, and energy storage power stations. It provides peak shaving, load balancing, and backup power solutions for high-demand energy consumers.

Shipping Methods

Supports global air and sea shipping.



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