



## 150A Peak Charge Discharge Current With Industrial Lithium Power Storage

### Our Product Introduction

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#### Basic Information

- Place of Origin: China
- Brand Name: GK
- Certification: IEC62619 CE
- Model Number: GKCIE81.92
- Minimum Order Quantity: 1 unit
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T



DOC-HV51200 10.24KWH Module

#### Product Specification

- Nominal Capacity: 81.92kWh To 143.36kWh
- Nominal Voltage: 409.6V To 665.6V
- Working Voltage Range: 176-748.8V
- Cycle Life: 6500
- Communication Port: CAN/RS485
- Waterproof Rating: IP20
- Highlight:
  - 150A lithium ion battery for home power storage
  - , 81.92kWh lithium ion battery for home power storage
  - , 143.36kWh lithium power storage

## Product Description

### 150A Peak Charge/Discharge Current with Industrial Lithium Battery Storage

#### Product Description:

This Commercial & Industrial ESS (Energy Storage System) utilizes high-performance LiFePO4 battery technology, designed to provide reliable energy storage with exceptional safety features. The system offers a high degree of modularity and supports flexible configurations, making it ideal for large-scale industrial applications. It includes built-in BMS (Battery Management System) to ensure safety and efficient operation, and it is compatible with most leading inverters. With a peak charge/discharge current of 150A, this system provides a powerful and scalable solution for energy storage.

Model No	R80K	R100K	R120K	R133K
Nominal Capacity	81.92kWh	102.4kWh	122.88kWh	143.36kWh
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	879.6kgs/1939 lbs	1042kgs/2297 lbs	1204.4kgs/2655 lbs	1366.8kgs/3013 lbs
Dimension(W*D*H)	1200*950*1580mm/47.2*37.4*62.2 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 ESS is suitable for industrial and commercial applications such as factories, energy storage power stations, and large-scale industrial facilities that require reliable and efficient energy storage. The system supports both on-grid and off-grid configurations and ensures a smooth energy flow, even in demanding conditions. Its modular structure allows for easy installation and scalability, making it an ideal choice for facilities with dynamic energy storage requirements.

#### Shipping Methods

Supports global air and sea shipping.



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