



## 372.7KWh Lithium Battery Storage System For Smart Grids Renewable Energy

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: GK
- Certification: UL1973 UL9540A IEC62477-1 IEC61000-6/2/4 UN3536
- Model Number: GKICE372
- Minimum Order Quantity: 1 unit
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T



DOC-372kWh Liquid-Cooling Battery

#### Product Specification

- Capacity: 372.7 KWh
- Nominal Voltage: 1331.2V
- Cycle Life: 8500+ Cycles @ 80% DoD
- Operating Temperature: -20°C To 55°C
- Cooling Method: Liquid Cooling
- Protection Level: IP55
- Highlight: 372.7KWh lithium battery storage system,  
1331.2V lithium battery storage system,  
IP55 energy storage lithium battery

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## Product Description

### 372.7 kWh High-Performance Lithium Battery Storage System for Smart Grids and Renewable Energy

#### Product Description:

This industrial commercial ESS system features advanced LFP 3.2V/280Ah cells arranged in 1P52S configuration, allowing for a capacity of 372.7 kWh and a nominal voltage of 1331.2V. Designed with liquid cooling technology, this system ensures efficient heat management, while the Aerosol Extinguishing or PFH mechanism provides robust fire safety. The system's modular design supports flexible configurations and scaling. The high-performance PCS ensures safe and stable operation, and the cabinet meets the IP55 standard for outdoor use. With a service life of over 8500 cycles at 80% Depth of Discharge (DoD), this system is ideal for long-term energy storage solutions.

Single Cell Type	LFP 3.2V/280AH
Module Combination	1P52S
System Combination	8 modules in series
Capacity (kWh)	372.7
Nominal Voltage(Vdc)	1331.2V
Voltage Range(Vdc)	1164.8~1497.6V
Charge/Discharge Current	0.8C
Discharge Depth	90%DoD
Service Life	>8500 cycles@80%DoD
Thermal Management Mode	Liquid cooling technology
Thermal Runaway Management-1	Aerosol Extinguishing or PFH
Thermal Runaway Management-2	WaterImmersion
Dimensions(W*D*H)	1300*1300*2340mm/51.2*51.2*92.1 in
Total Weight	3500kgs/7716 lbs
Operation Altitude	3000m(>3000m derating)
Noise Level @1m	<75 dB(A)
IP Rating	IP55
Operating Temperature	-20°C to 55°C
Operating Humidity(RH)	0 to 95%
Storage Conditions	-20°C to 30°C, Up to 95%RH, non-condensing State of Energy(SoE):50%initial
Communication Interface	CAN, RS485, Wi-Fi
Warranty	10 Years
Certifications	UL1973, UL9540A, IEC62477-1, IEC61000-6/2/4, UN3536

#### Application:

This ESS system is suitable for large-scale industrial and commercial power needs, particularly in sectors requiring high-capacity storage solutions and extended service life. The system's modular design allows for flexible installation and scalability, making it ideal for smart grids, renewable energy integration, and backup power systems. With independent temperature control and IP55 outdoor cabinet protection, this solution is built for reliable performance in diverse environmental conditions.

#### Shipping Methods

Supports global air and sea shipping.



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