



20FT Long Cycle Life BESS Battery Energy Storage System With Fire System

Our Product Introduction

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Basic Information

- Brand Name: QIYUAN
- Certification: UN38.3, IEC
- Model Number: GES100KW-215KWH
- Minimum Order Quantity: 1
- Packaging Details: Container
- Supply Ability: 200 Units/Month



Product Specification

- Ess Container: 20ft
- Warranty: 5 Years
- Capacity: Varies Depending On Model
- Application: Renewable Energy Integration, Grid Stabilization, Backup Power
- Voltage: Varies Depending On Model
- Efficiency: Up To 98%
- Certifications: CE, UL, TUV
- Battery: LiFePo4
- Highlight: **Fire System BESS Battery Energy Storage, 20FT bess battery , Long Cycle Life bess battery**

Product Description

Product Description:

This series of products is designed by our company for inverters, DC loads, and DC power storage.

We use safe and reliable LiFePO4 batteries in this series. These batteries are known for their excellent safety features and long lifespan. The products adopt a two-tier architecture, integrating cells, modules, and systems to create a comprehensive communication and management system.

Furthermore, this series operates on a parallel two-tier architecture. It is equipped with remote data acquisition, analysis, control, alarm, and protection functions for enhanced operational efficiency and user convenience.

Product Features

Features:

Lithium iron phosphate batteries are compliant with the **CE standard**. They offer product safety features such as no fire occurrence after thermal runaway and integrated module-level fire protection. They are equipped with Level 3 fire protection and have direct parallel connection between clusters. When 3 or more clusters are in parallel, there is a fault exit mechanism in place. These batteries also come with remote monitoring and maintenance functions, making them suitable for both indoor and outdoor usage scenarios.

Applications:

Suitable for a variety of mainstream hybrid inverters

This product is compatible with a diverse range of widely-used hybrid inverters, making it a versatile and adaptable solution for various energy systems.

Suitable for DC loads

Designed to be used with DC loads, this component ensures efficient operation and reliable performance when supplying power to devices that require direct current.

Energy storage converters

Primarily utilized for converting and storing energy, these converters facilitate the efficient storage and utilization of renewable energy sources, contributing to sustainable power solutions.

Suitable for inverters

Engineered to function seamlessly with inverters, this product ensures optimal compatibility and integration for a smooth operation in converting and managing power supply.

Special battery applications

This product is well-suited for specialized battery applications, offering tailored solutions for unique energy storage needs and ensuring effective management of power requirements in specific scenarios.

Customization:

Product Customization Services for the BESS Battery Energy Storage System:

Brand Name: QIYUAN

Model Number: EST100KW-215KWH

Place Of Origin: China

Certification: UN38.3, IEC

Minimum Order Quantity: 1

Packaging Details: Container

Supply Ability: 20 Units/Month

Dimensions: Varies Depending On Model

Function: Backup Power, Peak Load Shifting

Model: Energy Storage System

Capacity: Varies Depending On Model

Communication Protocol: Modbus, CAN, Ethernet



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