



RICHGOOD ENERGY CO.,LTD

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Advanced Container Energy Storage System 45.3 X 29.6 X 5.75 Inches And Voltage 350-450 V

Our Product Introduction

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Basic Information



Product Specification

- Voltage: 350-450 V
- Weight: 251.3 Lbs
- Certifications: UL, CE, TUV, RCM, Fronius, SMA, Enphase
- Power: 7 KW Continuous, 5 KW Peak
- Dimensions: 45.3 X 29.6 X 5.75 Inches
- Communication Protocols: Wi-Fi, Ethernet, Zigbee
- Compatible Inverters: SolarEdge, Fronius, SMA, Enphase
- Model: Powerwall
- Highlight: **Container Energy Storage System 45.3 Inches, Advanced Container Energy Storage System**

Product Description

Product Description:

Industrial and Commercial Energy Storage is revolutionizing the way businesses and industries manage their energy needs. One key component of this innovative solution is the Battery Energy Storage System, which plays a crucial role in storing and distributing energy efficiently. Our Energy Storage product, powered by Lithium-ion chemistry, is a reliable and advanced solution designed to meet the demanding requirements of industrial and commercial settings.

Our Energy Storage product is equipped with a range of certifications to ensure safety and quality standards are met. It holds certifications from reputable organizations such as UL, CE, TUV, RCM, Fronius, SMA, and Enphase, providing customers with confidence in the product's reliability and performance.

With a power output of 7 KW continuous and 5 KW peak, our Energy Storage system offers a robust and consistent supply of energy to support various applications in industrial and commercial settings. Whether it's powering equipment, providing backup energy during outages, or optimizing energy usage, our product delivers reliable performance when it's needed most.

Weighing at 251.3 Lbs, our Energy Storage product is designed to be sturdy and durable, capable of withstanding the demands of industrial and commercial environments. Its compact and efficient design makes it easy to install and integrate into existing energy systems, providing a seamless solution for businesses looking to enhance their energy management capabilities.

Our Energy Storage product is compatible with a range of inverters, including SolarEdge, Fronius, SMA, and Enphase, offering flexibility and versatility in system design and integration. This compatibility ensures seamless communication and optimal performance when paired with different inverters, allowing customers to customize their energy storage solutions to meet their specific needs.

Technical Parameters:

Warranty	10 Years
Chemistry	Lithium-ion
Dimensions	45.3 X 29.6 X 5.75 Inches
Model	Powerwall
Weight	251.3 Lbs
Operating Temperature	-4°F To 122°F
Capacity	13.5 KWh
Voltage	350-450 V
Power	7 KW Continuous, 5 KW Peak
Efficiency	90%

Applications:

Product Application Occasions and Scenarios for the Energy Storage product:

Domestic Battery Energy Storage:

The compact dimensions of 45.3 X 29.6 X 5.75 inches make this energy storage system ideal for residential use. Homeowners can install this lithium-ion battery to store excess energy generated from solar panels or during off-peak hours, allowing them to reduce their reliance on the grid and save on electricity bills. The communication protocols such as Wi-Fi enable users to monitor and control the energy storage system conveniently from their smartphones, ensuring efficient energy management within a domestic setting.

Industrial and Commercial Energy Storage:

With a power output of 7 KW continuous and 5 KW peak, this energy storage solution is well-suited for industrial and commercial applications. Businesses can integrate multiple units to create a larger storage capacity to support their operations, especially during peak demand periods. The Ethernet communication protocol enables seamless integration with existing energy management systems, providing real-time data on energy consumption and optimizing energy usage in industrial and commercial settings.

Container Energy Storage System:

Weighing 251.3 lbs, this energy storage system is portable and can be deployed as a container energy storage system for temporary or off-grid power needs. The high power output and lithium-ion chemistry make it a reliable source of backup power for events, construction sites, or emergency situations. The Zigbee communication protocol allows for wireless connectivity between multiple containers, enabling the creation of a scalable energy storage solution that can be quickly deployed in various scenarios.

Customization:

Product Customization Services for the Energy Storage product:

Model: Powerwall

Voltage: 350-450 V

Weight: 251.3 Lbs

Communication Protocols: Wi-Fi, Ethernet, Zigbee

Certifications: UL, CE, TUV, RCM, Fronius, SMA, Enphase

Keywords: Container Energy Storage System, Distributed Energy Storage System, Industrial and Commercial Energy Storage

Support and Services:

Our Energy Storage product comes with comprehensive Product Technical Support and Services to ensure that our customers have a seamless experience. Our technical support team is available to assist with any product-related inquiries, troubleshooting, and guidance on best practices for optimal performance. Additionally, we offer various services such as installation support, maintenance assistance, and warranty coverage to provide peace of mind and ensure the longevity of your Energy Storage product.



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willa@fuhaosolar.com



fuhaosolar.com

Rm3810 Baoli E Building Pa Zhou Haizhu district Guangzhou