



RICHGOOD ENERGY CO.,LTD

fuhaosolar.com



## Maximize Business Potential TUV Certified Industrial And Commercial Energy Storage

Our Product Introduction

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### Basic Information



### Product Specification

- Model: Powerwall
- Dimensions: 45.3 X 29.6 X 5.75 Inches
- Voltage: 350-450 V
- Warranty: 10 Years
- Compatible Inverters: SolarEdge, Fronius, SMA, Enphase
- Efficiency: 90%
- Power: 7 KW Continuous, 5 KW Peak
- Capacity: 13.5 KWh
- Highlight: **TUV Certified Energy Storage,  
Industrial Energy Storage,  
Commercial Energy Storage**

## Product Description

### Product Description:

Introducing our cutting-edge Domestic Battery Energy Storage solution, designed to meet the demands of today's energy-conscious consumers. This innovative Distributed Energy Storage System offers unparalleled performance and reliability, making it the ideal choice for residential energy storage needs.

Our Battery Energy Storage System is compatible with a range of top-tier inverters, including SolarEdge, Fronius, SMA, and Enphase, ensuring seamless integration with your existing solar PV system. With a voltage range of 350-450 V, this energy storage solution delivers efficient and reliable power storage for your home.

Equipped with advanced communication protocols such as Wi-Fi, Ethernet, and Zigbee, our energy storage system enables real-time monitoring and control, giving you the flexibility to manage your energy consumption effectively. Whether you're looking to optimize self-consumption or participate in demand response programs, our system offers the versatility you need.

Designed to operate in a wide range of temperatures, from -4°F to 122°F, our energy storage solution is built to withstand the rigors of varying climate conditions, ensuring consistent performance year-round. With certifications from UL, CE, TUV, RCM, Fronius, SMA, and Enphase, you can trust in the safety and quality of our product.

### Technical Parameters:

Efficiency	90%
Chemistry	Lithium-ion
Model	Powerwall
Power	7 KW Continuous, 5 KW Peak
Capacity	13.5 KWh
Certifications	UL, CE, TUV, RCM, Fronius, SMA, Enphase
Weight	251.3 Lbs
Communication Protocols	Wi-Fi, Ethernet, Zigbee
Compatible Inverters	SolarEdge, Fronius, SMA, Enphase
Dimensions	45.3 X 29.6 X 5.75 Inches

### Applications:

A Container Energy Storage System with high efficiency of 90% is ideal for various application occasions and scenarios due to its versatile nature. The dimensions of 45.3 X 29.6 X 5.75 inches make it suitable for a wide range of settings, from residential to commercial.

One primary application scenario for this Distributed Energy Storage System is in residential solar installations. Paired with compatible inverters such as SolarEdge, Fronius, SMA, and Enphase, this energy storage system can store excess energy generated from solar panels for later use, optimizing self-consumption and reducing reliance on the grid.

Another important application occasion is in commercial settings, where the power output of 7 KW continuous and 5 KW peak can support critical loads during peak demand periods or provide backup power in case of grid outages. The lithium-ion chemistry ensures reliable performance and durability over time.

Moreover, this Container Energy Storage System is also suitable for use in off-grid locations or in areas with unreliable grid infrastructure. The compact dimensions make it easy to install and integrate into existing energy systems, providing a reliable and sustainable energy storage solution.

Overall, the versatility and efficiency of this Distributed Energy Storage System make it a valuable asset for a wide range of application occasions and scenarios, from residential solar installations to commercial settings and off-grid locations. Its compatibility with various inverters and robust lithium-ion chemistry ensure reliable performance and long-term energy storage capabilities.

### Customization:

Our Product Customization Services for the Energy Storage product offer a range of options to tailor the solution to your specific needs. Whether you require a Domestic Battery Energy Storage system, a Container Energy Storage System, or an Industrial and Commercial Energy Storage solution, we have you covered.

Key Attributes:

**Voltage:** 350-450 V

**Warranty:** 10 Years

**Communication Protocols:** Wi-Fi, Ethernet, Zigbee

**Efficiency:** 90%

**Dimensions:** 45.3 X 29.6 X 5.75 Inches

### Support and Services:

Our Energy Storage product comes with comprehensive technical support and services to ensure optimal performance and customer

satisfaction. Our team of experts is available to provide assistance with installation, setup, maintenance, and troubleshooting. Additionally, we offer regular software updates and training sessions to keep our customers informed and up-to-date with the latest features and improvements.



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