



RICHGOOD ENERGY CO.,LTD

fuhaosolar.com



## Powerwall And 45.3 X 29.6 X 5.75 Inches Domestic Battery Energy Storage

Our Product Introduction

for more products please visit us on [fuhaosolar.com](http://fuhaosolar.com)

### Basic Information



### Product Specification

- Power: 7 KW Continuous, 5 KW Peak
- Dimensions: 45.3 X 29.6 X 5.75 Inches
- Chemistry: Lithium-ion
- Operating Temperature: -4°F To 122°F
- Weight: 251.3 Lbs
- Compatible Inverters: SolarEdge, Fronius, SMA, Enphase
- Model: Powerwall
- Certifications: UL, CE, TUV, RCM, Fronius, SMA, Enphase
- Highlight: **Domestic Battery Energy Storage,  
5.75 Inches Domestic Battery Energy Storage,  
Domestic Battery Powerwall**

## Product Description

### Product Description:

A Battery Energy Storage System (BESS) is an essential component of Distributed Energy Storage Systems, offering a reliable and efficient solution for industrial and commercial energy storage needs. One noteworthy product in this category is the Energy Storage unit, boasting impressive specifications to meet various energy storage requirements.

With a power output of 7 KW continuously and a peak power of 5 KW, this Energy Storage system provides a robust performance capability, ensuring a steady and reliable power supply. Paired with its compatibility with leading inverters such as SolarEdge, Fronius, SMA, and Enphase, this system offers versatility and ease of integration into existing energy systems.

The Energy Storage unit operates within a voltage range of 350 to 450 V, allowing for flexible usage in different settings. Its high efficiency rating of 90% ensures minimal energy loss during the storage and retrieval processes, optimizing energy utilization and reducing operational costs.

Designed with practicality in mind, the Energy Storage system features dimensions of 45.3 x 29.6 x 5.75 inches, making it a compact and space-efficient solution for industrial and commercial energy storage applications. Whether utilized in a warehouse, office building, or manufacturing facility, this system can seamlessly integrate into diverse environments without compromising on performance.

### Technical Parameters:

|                         |   |
|-------------------------|---|
| Model                   | Powerwall                               |
| Efficiency              | 90%                                     |
| Warranty                | 10 Years                                |
| Compatible Inverters    | SolarEdge, Fronius, SMA, Enphase        |
| Chemistry               | Lithium-ion                             |
| Communication Protocols | Wi-Fi, Ethernet, Zigbee                 |
| Certifications          | UL, CE, TUV, RCM, Fronius, SMA, Enphase |
| Power                   | 7 KW Continuous, 5 KW Peak              |
| Weight                  | 251.3 Lbs                               |
| Capacity                | 13.5 KWh                                |

### Applications:

The Energy Storage product, known as the Powerwall, with a capacity of 13.5 KWh, is a versatile solution suitable for a variety of Product Application Occasions and Scenarios. With certifications such as UL, CE, TUV, RCM, Fronius, SMA, and Enphase, this product ensures high quality and safety standards.

One of the key application scenarios for this Energy Storage product is in Distributed Energy Storage Systems. These systems are designed to store excess energy generated from renewable sources like solar panels or wind turbines and distribute it as needed. The Powerwall's operating temperature range of -4°F to 122°F makes it suitable for various climates, ensuring reliable performance in different environments.

Another important use case for the Powerwall is in Container Energy Storage Systems. These systems utilize large-scale energy storage solutions to provide backup power or grid stabilization services. The Powerwall's compact design and weight of 251.3 lbs make it easy to integrate into containerized energy storage setups, offering a reliable and efficient storage solution.

For Domestic Battery Energy Storage applications, the Powerwall offers homeowners a way to store excess energy from their solar panels for use during peak hours or in case of power outages. Its user-friendly design and high capacity make it a popular choice for residential energy storage needs.

In summary, the Powerwall Energy Storage product is a versatile solution that can be used in Distributed Energy Storage Systems, Container Energy Storage Systems, and Domestic Battery Energy Storage scenarios. With its certifications, operating temperature range, and capacity, it provides a reliable and efficient energy storage solution for a variety of applications.

### Customization:

Our Product Customization Services for the Container Energy Storage System include:

- 10-year warranty for long-term peace of mind
- Chemistry: Lithium-ion for reliable energy storage
- Operating Temperature: -4°F to 122°F for versatility in various environments
- Model: Powerwall for dependable performance
- Power: 7 KW Continuous, 5 KW Peak for efficient energy usage

Customize your Domestic Battery Energy Storage with these features to suit your needs. Ideal for both Industrial and Commercial Energy Storage applications.

### 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 assist with product installation, configuration, troubleshooting, and maintenance.

Additionally, we offer training programs to help customers fully utilize the capabilities of our Energy Storage solution. Our support services aim to minimize downtime and maximize the efficiency of your energy storage system.



**RICHGOOD ENERGY CO.,LTD**



[willia@fuhaosolar.com](mailto:willa@fuhaosolar.com)



[fuhaosolar.com](http://fuhaosolar.com)

Rm3810 Baoli E Building Pa Zhou Haizhu district Guangzhou