



High Voltage Energy Storage Compatible With Enphase Inverters Weight 251.3 Lbs

Our Product Introduction

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Basic Information



OPTIM US A329-BAT

Product Specification

- Power: 7 KW Continuous, 5 KW Peak
- Dimensions: 45.3 X 29.6 X 5.75 Inches
- Chemistry: Lithium-ion
- Voltage: 350-450 V
- Weight: 251.3 Lbs
- Capacity: 13.5 KWh
- Compatible Inverters: SolarEdge, Fronius, SMA, Enphase
- Model: Powerwall
- Highlight: **High Voltage Energy Storage,
Enphase Inverters High Voltage Energy Storage
, 251.3 Lbs High Voltage Energy Storage**

Product Description:

The Energy Storage product is a cutting-edge solution for Distributed Energy Storage Systems, designed to provide efficient and reliable energy storage capabilities for various applications. With a weight of 251.3 Lbs, this Lithium-ion battery system offers superior performance and durability.

Measuring at 45.3 X 29.6 X 5.75 Inches, this Domestic Battery Energy Storage unit is compact and space-efficient, making it an ideal choice for residential as well as commercial settings. The battery has a capacity of 13.5 KWh, ensuring ample storage for energy generated from renewable sources or during off-peak hours.

Equipped with advanced communication protocols including Wi-Fi, Ethernet, and Zigbee, this Battery Energy Storage System offers seamless integration with smart grids and other energy management systems. This enables real-time monitoring and control of the energy storage system, optimizing energy usage and reducing costs.

Whether used independently or as part of a larger energy storage network, this product is a reliable and efficient solution for storing excess energy and ensuring a stable power supply. The Lithium-ion chemistry ensures high energy density and long cycle life, making it a cost-effective and sustainable choice for energy storage applications.

Technical Parameters:

Efficiency	90%
Dimensions	45.3 X 29.6 X 5.75 Inches
Model	Powerwall
Chemistry	Lithium-ion
Voltage	350-450 V
Compatible Inverters	SolarEdge, Fronius, SMA, Enphase
Capacity	13.5 KWh
Weight	251.3 Lbs
Certifications	UL, CE, TUV, RCM, Fronius, SMA, Enphase
Operating Temperature	-4°F To 122°F

Applications:

Energy Storage products, such as the Powerwall, play a crucial role in various applications and scenarios due to their versatility and reliability. One of the key product attributes is the impressive 10-year warranty, providing customers with long-term peace of mind and ensuring a sustainable energy solution for years to come.

With communication protocols including Wi-Fi, Ethernet, and Zigbee, the Powerwall offers seamless connectivity and remote monitoring capabilities, making it suitable for a wide range of applications. Whether it's for residential, commercial, or industrial use, this energy storage solution can be easily integrated into existing systems, enabling efficient energy management and cost savings.

For Distributed Energy Storage Systems, the Powerwall is an ideal choice, thanks to its compact design and high power output. It can be easily installed in homes or businesses to store excess energy from renewable sources like solar panels, allowing users to reduce their reliance on the grid and maximize self-consumption.

When it comes to Container Energy Storage Systems, the Powerwall's robust construction and reliable performance make it a valuable asset. Its 251.3 Lbs weight ensures stability and durability, making it suitable for large-scale energy storage projects that require a high level of efficiency and flexibility.

Whether it's for residential backup power, peak shaving in commercial buildings, or grid stabilization in industrial settings, the Powerwall's 7 KW continuous and 5 KW peak power capabilities make it a versatile solution for various energy storage applications. Its communication protocols allow for easy integration with smart energy management systems, enabling users to optimize their energy usage and reduce overall costs.

Customization:

Enhance your Domestic Battery Energy Storage system with our Product Customization Services for the Powerwall model. Our lithium-ion energy storage solution comes with a warranty of 10 years, ensuring long-term reliability. We offer customization options to meet your unique needs, whether for residential or commercial use.

With a weight of 251.3 Lbs and an operating temperature range from -4°F to 122°F, our Container Energy Storage System is designed for efficiency and durability. Upgrade your energy storage setup with our tailored solutions to optimize performance and maximize savings.

Support and Services:

Our Energy Storage product comes with comprehensive Product Technical Support and Services to ensure smooth operation and optimal performance. Our team of experts is available to assist with installation, setup, troubleshooting, and maintenance of the system.

Additionally, we provide regular software updates and remote monitoring services to proactively address any issues that may arise. Rest assured, our technical support team is dedicated to providing timely and effective assistance to keep your energy storage system running efficiently.



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