

## SolarTech Power Solutions

# Battery Energy Storage 5K



## Overview

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Why Choose the ESP-5K HL?

The ESP-5K HL is a cutting-edge lithium iron phosphate (LFP) battery designed for long-lasting performance and efficiency. Built for residential, commercial, and industrial applications, it ensures reliable power storage for diverse energy needs. Its compact and durable.

The Rack series ESS SR-RACK-5K residential products are specially designed for residential applications by Sunred. It has several battery modules and each module has an integrated intelligent BMS, which offers great advantages in terms of safety, life cycle, energy density and temperature range. How much energy can a 5 kWh battery store?

The unit for energy capacity is Wh (watt-hours), indicating how much energy a battery can store/provide. Therefore, a 5 kWh battery can store/deliver 5 kWh (5000 Wh) in ideal conditions. In reality, capacity losses inevitably occur during charging and discharging processes.

What is voltstack 5K?

Voltstack 5k is the trailblazing electric generator that reigns supreme in the realm of silent, emission-free, off-grid portable power. With its cutting-edge technology and sleek design, the Voltstack 5k stands tall as an industry leader.

What is a portable battery energy storage system?

This powerhouse of a portable battery energy storage system effortlessly handles the power needs of temporary projects of almost any scale. Engineered to give you the blissful absence of noise. Revel in uninterrupted focus, peaceful environments and harmonious collaborations.

What is a 51.2v 100Ah lithium battery?

51.2V 100Ah lithium battery adopts the most advanced lithium battery manufacturing technology, more stable performance and greater power. The standard charge-discharge current is 50A, the maximum discharge current is 100A, the maximum output power is 5120W.

How long does a voltstack battery last?

With a 5000+ cycle battery life, VOLTstack units have a 10 - 15 year lifetime range when used daily. Wireless real-time energy management delivers data-driven decision making and GPS services. No harmful emissions - reduce your carbon footprint and enable flexible indoor/outdoor operations.

How long do dawnice lithium batteries last?

Dawnice lithium batteries use Grade A battery cells, 6000+ cycle times, with 15+ years lifespan, which is more than 10 times comparing with Lead- acid batteries.

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## Contact Us

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