

Kongres Container

314 Energy Storage Battery Size



Overview

With 314Ah capacity, this LiFePO4 battery offers superior energy density, ensuring reliable performance for home energy storage. Enjoy peace of mind with over 8,000 charge cycles. What is a 314ah battery cell?

This battery cell has a capacity of 314Ah and a nominal voltage of 3.2V. It is designed to provide high energy density and long cycle life. The battery cell is also known for its high safety performance and reliability.

What is a 314ah LiFePO4 battery?

Simply put, the 314ah LiFePO4 battery is an upgraded version of the 280ah LiFePO4 battery. They are both lithium iron phosphate battery cells with the same nominal voltage and size, and are both used in energy storage systems. However, the 314ah battery has a larger capacity, a higher energy density, and can store more electricity.

How long does a 314ah battery last?

It is said that the upgraded 314Ah battery cell uses a breakthrough lithium replenishment technology, and the cycle life has been greatly increased to 15,000 times. There is no doubt that CALB's 314Ah is also used in its 5MWh liquid-cooled energy storage system products.

What is the energy density of a 314-ah energy storage cell?

The energy density of the cell reaches 180 Wh/kg, and the volumetric energy density reaches 395 Wh/L. The 314-Ah large energy storage cell can be used in a 20 foot 5 Mwh energy storage system, covering most scenarios such as power storage, industrial and commercial energy storage, household energy storage, network energy, and smart energy.

How much power does a ve 314ah LiFePO4 have?

Everything you need for a complete and compatible battery setup is here. The EVE 314Ah LiFePO4 prismatic battery cell provides a nominal voltage of 3.2V

and energy capacity of approximately 1004.8Wh.

Will CATL make 314ah battery cells in 2023?

As the industry leader, CATL was the first to reveal the news of mass production of 314ah battery cells in August 2023. At that time, CATL announced its new containerized energy storage product: the 5MWh EnerD series liquid-cooled energy storage cabinet.

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