



560 kWh energy storage battery life

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Seplos 48V Mason 560Ah 28.67KWh Lifepo4 Battery Pack is designed for solar energy storage solutions, assembled with two modules of 280Ah grade A lithium iron phosphate cell configuration. Considering the battery pack is composed of 32 lifepo4 battery cells, It is equipped with active balancing to ensure consistency among the cells, protect ...

EVE Energy Storage unveiled its full range of energy storage products, and grandly released the new generation of energy storage battery LF560K, showing new breakthroughs in EVE energy storage solutions with new technologies and new products.

The project plans to invest a total of 20 billion RMB, and build a lithium-ion battery production base with an annual output of 50GWh in two phases. Among them, the company plans to invest 10 billion RMB in the first phase of the project, and plans to add 20GWh of power storage battery capacity.

Based on CTT technology, the LF560K battery can reduce the total system cost, has a large capacity of 560Ah, can store 1.792kWh of energy in a single battery, and has a cycle life of more than 12,000 times to meet the high economic demand of the energy storage market.

EVE Energy Storage is deeply engaged in the fields of electric power, communications, and household energy storage, builds full-scenario applications and effectively provides safer and more efficient energy storage solutions for global users, and has won wide recognition and high praise from global customers.

Focusing on the theme of the exhibition - "Conspiracy for a New Mechanism of Power and Creating a New Era of Energy Storage", EVE Energy Storage released a new generation of energy storage battery LF560K offline for the first time in the industry in addition to exhibiting all its products, leading the way to explore the trend of industrial development with technological innovation and green.

Liu Shilei, Senior Manager of EVE Energy Storage Solution Center, introduced the development background of LF560K, clarified EVE Energy Storage's original intention of solving battery safety and economic problems, and strives to make energy storage batteries longer, safer and more economical in the new power system.

Liu Shilei pointed out that it is imperative to move from the GWh era to the TWh era, energy storage batteries continue to evolve to large capacity, CTT technology (Cell to TWh) came into being, and was successfully applied to LF560K new products. The LF560K has a large capacity of 560Ah, a single battery can store 1.792kWh of energy, and the cycle life exceeds 12,000 cycles.

In order to cope with larger scale and longer energy storage projects, LF560K adopts CTT technology and



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third-generation high-speed lamination manufacturing technology, and achieves a 10% reduction in system integration application costs, a 47% reduction in the number of parts and a 30% increase in production efficiency through a simplified integrated design and multiple safety protections.

Through wonderful sharing and exhibition, the guests and visitors better understood the design ideas of LF560K, and also experienced the advantages of technology, products and systems of new products, and actively participated in Q& A interaction and product consultation, and the booth was crowded. Many media also came to focus on LF560K for interviews.

At the same time, Zhongguancun Energy Storage Industry Technology Alliance released the CNESA Global Energy Storage Database 2022 Energy Storage Series List, EVE Energy Storage ranked in the top three of the "Top 10 Energy Storage Battery Shipments in the Global Market", which once again confirmed EVE Energy Storage's strong global manufacturing and global service advantages, and further consolidated the comprehensive strength of the brand.

In the future, EVE Energy Storage will continue to take technological innovation as the starting point, take customers as the center, continue to build core competitiveness, serve the global energy storage market with a battery platform with leading technology and comprehensive cost advantages, and make important contributions to promoting the high-quality development of the energy storage industry.

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