



LFP 12V Series

What is a 12V LFP battery?

12V, 100Ah LFP Battery (ABS, BLF-12100AS): The powerhouse for demanding applications, offering unmatched endurance and reliability. ...and many more tailored options designed for performance and durability. At Bioenno Power, we're not just selling batteries; we're empowering you to explore further, work smarter, and live better.

What are LFP batteries used for?

4) as the cathode material, and a graphitic carbon electrode with a metallic backing as the anode. Because of their low cost, high safety, low toxicity, long cycle life and other factors, LFP batteries are finding a number of roles in vehicle use, utility-scale stationary applications, and backup power. LFP batteries are cobalt-free.

Does the LFP 12 V have RJ45 connectors?

The LFP 12 V is available with RJ45 connectors. The protection covers serve as a shield for the cabling of the batteries. This way abuse of the connections is limited. Besides, the battery poles are covered which increases the product safety. Connectors The LFP 12 V is available with RJ45 connectors.

What is the specific energy of a LFP battery?

The specific energy of LFP batteries is lower than that of other common lithium-ion battery types such as nickel manganese cobalt (NMC) and nickel cobalt aluminum (NCA). As of 2024, the specific energy of CATL's LFP battery is currently 205 Watt-hours per kilogram (Wh/kg) on the cell level.

What is the difference between a lithium ion battery and a LFP battery?

The LFP battery uses a lithium-ion-derived chemistry and shares many advantages and disadvantages with other lithium-ion battery chemistries. However, there are significant differences. Iron and phosphates are very common in the Earth's crust. LFP contains neither nickel nor cobalt, both of which are supply-constrained and expensive.

What is a 12 volt battery?

This robust 12 V battery is based on Lithium Iron Phosphate chemistry. As a result, these batteries are safe and reliable. Additionally, the next level technology of this chemistry results in a high energy density. In other words, it is the ultimate choice to replace your lead-acid batteries.

De plus, vous pouvez facilement ajouter votre système de stockage sur batterie en connectant les batteries lithium-ion LFP 12 V en parallèle. Cela augmente la capacité du système. Pour plus d'informations ...



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