



# Algiers lithium-iron-phosphate batteries lfp

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Anern has 15 years of experience in solar lighting and solar product manufacturing. Anern Industry Group Limited is headquartered in Guangzhou. With a production base of 7,000 square meters, our company has an R& D team of more than 100 people.

Compared with traditional lead-acid batteries, Anern rechargeable lithium iron phosphate (LiFePO<sub>4</sub>) batteries show significant advantages: their energy density is higher, which means more energy can be stored under the same volume or weight; at the same time, its cycle life is also longer, ensuring a longer-lasting use experience. The battery has a built-in high-performance processor to ensure excellent performance and reliability. Its minimum rated capacity is as high as 50AH, fully meeting the needs of various applications. In addition, the battery supports series/parallel use, providing users with greater flexibility and expansion space.

Offers up to 20 times longer cycle life and five times longer float/calendar life than lead acid battery, helping to minimize replacement cost and reduce total cost of ownership.

This solar lithium iron phosphate (LiFePO<sub>4</sub>) battery has high safety. It will not have the problem of explosion, burning, pollution, etc.

Can form a solid protective layer around the plate to prevent the plate from being corroded.

Good seismic performance, Anern lithium iron phosphate (LiFePO<sub>4</sub>) battery can be used safely in all kinds of harsh environments.

AN-LFP can be used in the temperature range of -20°C to 60°C.

Our solar lithium iron phosphate (LiFePO<sub>4</sub>) battery can meet the needs of high frequency and deep degrees of discharge.

Anern is equipped with a highly specialized automated factory and has introduced cutting-edge automated production equipment, focusing on the production and sales of solar rechargeable lithium batteries. The solar rechargeable lithium batteries we produce have won many international certifications such as CE, ROHS, UN38.3 and MSDS ensuring that the product quality meets international standards. As a leader in the field of solar cell manufacturing in China, Anern has experienced R& D teams dedicated to tailoring unique solar solutions for each customer.

Focus on providing customers with one-to-one services, and one-stop solar system solutions.



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Anern has set up a professional R& D team, 70% of the products are exclusively designed.

Anern has cooperated with customers in more than 200+ countries regions around the world, and is a reliable supplier for customers.

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Web: <https://kary.com.pl/contact-us/>

Email: [energystorage2000@gmail.com](mailto:energystorage2000@gmail.com)

WhatsApp: 8613816583346

