

What is a LiFePO4 battery?

The lithium iron phosphate (LiFePO4) battery (also called "LFP" for short) is a type of rechargeable battery, specifically a lithium ion battery, which uses lithium iron phosphate as the cathode material. LiFePO4 batteries are always batteries that use lithium chemistry, therefore they share the same advantages and disadvantages with it.

What are the benefits of using LiFePO4 cells?

Renewable Energy Storage: Store solar and wind energy efficiently with LiFePO4 cells. They are ideal for home and industrial energy storage solutions, offering dependable performance and long life. 3. Marine and RV Power: Keep your boat or RV powered on long journeys with our reliable LiFePO4 cells.

Are LiFePO4 batteries better than LiCoO2?

The key advantages of LiFePO4 batteries, compared to LiCoO2, are greater thermal resistance, greater resistance to aging, higher peak current and the use of iron which, unlike cobalt, has a lower environmental impact.

Why should you choose LiFePO4 chemistry?

LiFePO4 chemistry is known for its eco-friendliness, and it has a longer lifespan than many other lithium chemistries, reducing waste and supporting a cleaner future. 4. Versatility: Our LiFePO4 battery cells come in various capacities and sizes, ensuring compatibility with a wide range of applications.

At our webshop, we're dedicated to providing you with premium LiFePO4 battery cells that excel in performance, safety, and sustainability. Whether you're an enthusiast, DIYer, or professional, we have the perfect LiFePO4 cells to energize your devices and projects, all backed by our commitment to quality and customer satisfaction.

LiFePO4 (LFP), Lithium Iron-Phosphate single cells operating at nominal voltage 3,2V and over 2000 cycles lifespan | Prismatic | Cylindrical | Pouch | Capacities from 1100mAh to 1000Ah | Available in our European Warehouse with fast Worldwide delivery.

Ultimatron LiFePO4 150Ah 12.8V 1920Wh UBL-12-150-PRO Lithium Battery of latest generation with Smart BMS and Bluetooth, 330x172xh215mm, 15,8kg. (direct shipping from the Europe Warehouse, delivery in about 10-15 days ...

SOK battery is a leading manufacturer and supplier of lithium iron phosphate batteries (LifePO4). Established five years ago by a team of 3 engineers from CALB, we at SOK have provided our satisfied customers with more than ...

HITHIUM 280Ah LiFePO4 Battery Cells - Free shipping and Tax EUR290,95 - EUR2.289,95 Note: A new batch of HITHIUM 280Ah lifepo4 cells are expected to be available in the German warehouse from January 10th to 15th, 2025; the quantity is limited and can...

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