



# 200ah lithium iron phosphate battery

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Unlock a new level of power, flexibility, and durability with our 12V 100AH Lithium Iron Phosphate (LiFePO<sub>4</sub>) battery. This advanced battery solution incorporates cutting-edge features, including auto-balance among parallel connections, an integrated smart battery management system (BMS), state-of-the-art battery cells, self-heating function, and Bluetooth connectivity. With exceptional cycle life, discharge performance, and a range of convenient features, this battery offers reliable power for various applications while ensuring peace of mind.

Featuring an auto-balancing function, our LiFePO<sub>4</sub> battery offers seamless distribution of power among parallel connections. This feature provides more flexibility for battery connections, allowing for optimal power utilization and extending the overall battery life. Experience enhanced efficiency and balanced performance across your battery system, regardless of the load requirements.

The integrated smart battery management system (BMS) takes charge of optimizing battery performance and lifespan. With comprehensive monitoring and control functions, the BMS safeguards against overcharging, over-discharging, and short circuits. This advanced system ensures the precise activation and regulation of the self-heating function, maintaining the battery at an ideal temperature range for exceptional performance and extended cycle life.

Our LiFePO<sub>4</sub> battery incorporates state-of-the-art battery cells, renowned for their reliability and high performance. These advanced cells provide superior energy density, resulting in a compact design with a higher power output. Benefit from efficient energy storage, longer runtimes, and increased overall efficiency, empowering your applications with robust and dependable power.

Designed to meet demanding power requirements, our LiFePO<sub>4</sub> battery excels in discharge performance. Whether you require a reliable power supply for off-grid solar energy systems or high-performance capabilities for electric vehicles (EVs) and marine applications, this battery ensures exceptional discharge characteristics. Count on consistent power delivery and reliable performance, even in the most demanding scenarios.

Experience uninterrupted power in cold climates with our LiFePO<sub>4</sub> battery's self-heating function. This innovative feature maintains an optimal operating temperature range, ensuring reliable power performance in extreme cold conditions. Whether you need power for outdoor telecommunications, off-grid winter cabins, or any other cold environment, our battery keeps performing when others struggle.

Stay connected and in control with the integrated Bluetooth connectivity. Monitor, control, and optimize your battery's performance in real-time through your smartphone, tablet, or monitoring system. Access comprehensive data on voltage, current, temperature, and state of charge. Receive notifications and alerts,



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enabling you to make informed decisions about power management, maintenance, and system optimization.

Our LiFePO<sub>4</sub> battery undergoes rigorous quality assurance processes to ensure exceptional reliability and performance. We prioritize quality at every stage, from the selection of premium components to meticulous manufacturing and testing. Rest assured that you are investing in a high-quality and durable power solution.

Choose an eco-friendly power solution with our LiFePO<sub>4</sub> battery. Lithium Iron Phosphate chemistry offers numerous environmental advantages, including lower toxicity and reduced carbon footprint compared to traditional battery chemistries. By opting for our LiFePO<sub>4</sub> battery, you contribute to a greener future while enjoying the benefits of reliable and sustainable power.

We are dedicated to providing sustainable energy solutions and fostering partnerships with our valued wholesale customers and potential dealers. Explore our range of products, find a distributor, and take the first step towards a cleaner and brighter future.

Contact us for free full report

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