



## Discover lithium battery

Who makes discover Energy Systems lithium batteries?

Discover Energy Systems' industry-leading Lithium Solutions (AES, AES RACKMOUNT, PROFESSIONAL and BLUE) are purposefully built by Discover Energy Systems' North American engineering and manufacturing group. The batteries are also independently certified to the highest safety, performance, and reliability standards.

What is discover battery?

Discover Battery introduces advanced lithium battery technology to the North American marine industry with its new LITHIUM BLUE Premium Series batteries.

What are lithium blue batteries?

LITHIUM BLUE batteries are a drop-in replacement for lead-acid batteries with quick installation and no need for special tools. They are easy to parallel for even more runtime. Discover recommends having your batteries installed by a professional to ensure proper attention to all aspects of your boat's electric systems.

What is a lithium blue LiFePO 4 battery?

"LITHIUM BLUE LiFePO 4 batteries feature a proprietary high current Battery Management System (BMS) that manages safety and the lightning-fast charge performance," said Lee Adams, President, Discover Battery.

Where can I find a lithium blue distributor or dealer?

To find your nearest LITHIUM BLUE distributor or dealer, visit the "Contact Sales" page of the website, [www.discoverbattery.com](http://www.discoverbattery.com). ABOUT DISCOVER BATTERY Discover leads the industry in the design, manufacturing, and distribution of innovative battery solutions for transportation, motive power, and energy storage applications.

How do I Check my lithium blue battery status?

LITHIUM BLUE batteries include a Bluetooth App that gives real-time access to the battery state-of-charge, voltage, operating current, temperature, status and diagnostic reports. Search for Discover BLUE on the App Store or Google Play. Can LITHIUM BLUE be charged with an alternator? Not recommended.

Discover Energy Systems AES BLUE LiFePO 4 batteries offer BMS-controlled safety, long life, lightning-fast charging performance and real-time Bluetooth access to battery State of Charge, ...

LITHIUM BLUE charges up to 5x faster than traditional lead-acid batteries and up to 2x faster than standard lithium batteries. For example, a 100 amp charger will charge a 1C rated LITHIUM BLUE battery in just one hour, compared with two hours for a standard C/2 rated lithium battery.

Discover Lithium battery charge, and discharge settings in an open-loop configuration are set up manually



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through the controller for the power conversion device at the time of installation. An open-loop configuration is commonly referred to as a ...

Discover has a complete category of starting, dual-purpose, deep-cycle house RV power batteries. Whether you need lead-acid batteries or smart BMS-controlled lithium solutions with closed-loop integration with inverters, chargers, generators or solar panels, Discover has the right battery to energize your home away from home.

Discover's Advanced Energy System (AES) LiFePO 4 Lithium batteries offer bankable performance and the lowest cost of energy storage per kWh. AES LiFePO 4 Lithium batteries are manufactured with the highest-grade cells and feature a proprietary high-current BMS that delivers superior peak power and lightning-fast 1C charge and discharge rates.. AES LiFePO ...

The important difference between Lead-Acid and Lithium is that each charged Lithium battery can charge faster, run longer, and last for many more ... if charged with current exceeding their specifications. Most Discover Lithium batteries can charge at a maximum of 1C, whereas Lead-Acid batteries typically charge at C/5 (equivalent to 0.2C ...

Discover's LITHIUM BLUE LiFePO 4 Premium Series batteries offer BMS controlled safety, long life, lightning fast charging performance and real-time Bluetooth access to battery State of Charge, voltage, current, temperature status. LITHIUM BLUE batteries reflect Discover's Design for Excellence philosophy, incorporating suitcase style carrying handles, terminal protection and ...

Discover's Advanced Energy System (AES) LiFePO 4 Lithium batteries offer bankable performance and the lowest cost of energy storage per kWh. AES LiFePO 4 Lithium batteries are manufactured with the highest-grade cells and ...

Discover Battery has been in the battery business since 1949, so they're not new to the challenges of building batteries. They've recently begun distributing their Lithium Blue LiFePO4 battery in the U.S. and I'd say their experience shows in ...

Discover recommends having your batteries installed by a professional to ensure proper attention to all aspects of your boat's electric systems. LITHIUM BLUE batteries come with a 5-year workmanship warranty and an industry-leading performance guarantee. Typical battery warranties cover a stated number of charging cycles.

The Discover AES Rackmount Energy Storage System is a high-performance LiFePO4 battery solution that offers reliable energy storage, simple configuration, and quick installation for off-grid solar, whole-home backup power, and microgrid applications.

Discover Battery provides unparalleled maintenance-free AGM battery solutions that set the industry standard for reliability and performance. 6VRE-2700FD BCI 903 ... Our largest lithium battery bank to date is for an



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off-grid system using 10 of the 6.65 kWh packs. Art Toy. President Four Elements Energy Inc. Footer

Discover Battery's high value lead-acid and lithium power solutions are engineered and purpose-built with award-winning patented technology and industry-leading power electronics. Discover Battery makes our products available through the best knowledge-based distribution and service organizations for the people and businesses who rely on ...

Discover Energy 2.56kWh 12VDC Lithium Blue Battery. Notice: DLB batteries are not designed to be series configured for cyclic applications. Should your application require a higher nominal voltage than the nominal battery voltage specified please consult with our sales/engineering team for alternative product recommendations.

Discover Battery is a leader in innovative battery solutions in both the Lithium & Lead-Acid product groups. From Transportation, to Motive Power, to Energy Storage Systems - Discover delivers the world's most innovative and reliable battery solutions in the most challenging applications.

PRESS RELEASE. Discover AES LiFePO 4 Lithium Battery Certified to UL9540 with Schneider Electric XW PRO Hybrid Inverter for Solar Energy Storage Systems. AES LiFePO 4 Batteries certified UL 9540 for Solar Energy Storage Systems. Vancouver, BC, May 1, 2021 - Discover Battery (Richmond, BC) and Schneider Electric (Burnaby, BC) are pleased to announce the ...

This depends on several factors. Battery banks in general need to be sized to power the loads for the desired run time. Lithium batteries also need to be sized to handle the peak current generated by the loads during start-up, such as an inverter and also be able to handle the maximum charge current generated by the charging device(s).

To maximize performance and cycle lifetime, use a Lithium battery charger with a dedicated LiFePO 4 charging algorithm. Charging with a Lead-Acid Charger. ... It is our goal at Discover Battery to respond to all cases within two business days of the case being opened. If you have not received a written response at the end of that time frame ...

Discover Energy 2.56kWh 12VDC Lithium Blue Battery. Notice: DLB batteries are not designed to be series configured for cyclic applications. Should your application require a higher nominal voltage than the nominal battery voltage ...

Discover's Advanced Energy System (AES) LiFePO 4 Lithium batteries enable the highest level of productivity for battery-powered industrial machines and, unlike lead-acid batteries, deliver both a predictable return on investment and a dramatic reduction in the total cost of ownership.. AES LiFePO 4 Lithium batteries are manufactured with the highest-grade cells.

Discover's AES PROFESSIONAL LiFePO 4 battery models are purpose built to replace and fit the



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standard groupings of BCI 6V, 8V and 12V (GC) batteries. AES PROFESSIONAL batteries incorporate a proprietary high-current BMS that delivers superior peak power along with lightning fast 1C continuous charge and discharge rates, plus they feature COLD CHARGE functionality ...

"LITHIUM BLUE LiFePO 4 batteries feature a proprietary high current Battery Management System (BMS) that manages safety and the lightning-fast charge performance," said Lee Adams, President, Discover Battery. "The internal cell cradle, robust control board and solid-state relays of the BMS, plus the IP67-rated battery case, make it ...

Discover lithium LiFePO4 (LFP) batteries are fast charging. Discover's DLX Lithium Titanate (LTO) batteries are very fast charging. ... Fact 9: Lithium battery technology is better than lead-acid technology for numerous reasons Trolling Motor run ...

LYNK ACCESS software monitors and presents state-of-charge, battery current, voltage, and temperature for Discover Lithium battery systems. LYNK ACCESS configures CAN bus communication protocols for LYNK GATEWAY devices and provides troubleshooting access to Discover Lithium batteries for installers and service technicians.

The Discover DLB-GC12-12V Battery offers enhanced runtime with double the high-current runtime of lead-acid battery, up to 100% usable capacity, and up to 100% Depth of Discharge. Lithium batteries from Discover Batteries offer an incredible 10x the life of lead-acid battery (BCI-06) with unlimited Partial State of Charge cycles and energy throughput warranty.

Discover Battery Makes Major Entry into North America Recreational Marine Market with New LITHIUM BLUE LiFePO 4 Premium Series Battery Line. Richmond, BC, June 3, 2021 - Discover Battery, a SOLV4EX company, headquartered in Richmond, British Columbia, introduces advanced lithium battery technology to the North American marine industry with its new ...

03-830-0002 SDS Discover Lithium Battery LiFePO4 Safety Data Sheet REV G. Safety Data Sheet (SDS) Revision date: Feb 05, 2021 . SECTION 1: Identification of the substance / mixture and the company / undertaking 1.1 Product Identifier Lithium-ion cells and battery packs, LiFePO 4. Product brand: Discover

A complete guide to lithium batteries, from advanced battery chemistry to what you need to know when connecting lithium batteries in parallel or series. LITHIUM 101 Applications keyboard\_arrow\_down Products keyboard\_arrow\_down About Us keyboard\_arrow\_down Find A Dealer keyboard\_arrow\_down Contact keyboard\_arrow\_down Support keyboard\_arrow\_down ...

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