



12v lifepo4 batteries australia

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The cutting-edge Australian Made Giant Power 100AH Lithium Battery (LiFePO4) ...

GiantPower100Ah lithium(LiFePO4) deep-cyclebatteriesare dependable and long-lasting, with exceptional performance and internationalIEC62619 certification this Giant 100AH lithium deep cycle batteryweighs less than half of a Lead Acid or AGM battery. Giant 100Ah lithium batteriesare prismatic LiFePO4 and considered an Aussie lithiumbest of best battery due to their safety, long lifespan, and high energy density.

****This battery will work with trolling motors.However, if you allow heat, fluids and other contaminants to damage the battery, unfortunately, it will void your warranty. Protect your battery via a quality waterproof marine battery box or weather enclosure.**

Are you thinking of replacing the AGM deep cycle batteries in your camper, RV, caravan or campervan? Then it might be time for a Lithium battery upgrade. Giant Power Lithium Batteries are designed as a true drop in replacment and every cell is protected by an internal 100AMP Battery Management System (BMS), with the control board protecting the batteries from cell imbalance and high voltage situations, giving users a longer battery life. Giant Power batteries are the perfect choice for any application that requires a deep-cycle power supply. This high-quality lithium battery delivers reliable 12V power.

The Giant 100AH 12V Lithium Deep Cycle Battery is designed to replace deep-cycle AGM batteries. Lithium Batteries weigh only half of their AGM counterparts. In an emergency, this Australian-made lithium battery can be safely discharged to 100% DOD (Depth of Discharge), delivering twice the energy with a superior 100AMP BMS for maximum discharge capacity. A Giant 100AH Lithium deep cycle battery is also best used in various power applications such as power tools, medical devices, and security systems. Aside from recreational activities, Giant Lithium Batteries are perfectfor backup power during an electrical blackout as with an added Ardent 12V Battery Box you get a backup power system.

Giant Lithium Batteries don't immediately need a special battery charger! Using your AGM battery charger is a temporary solution, not a permanent one. Wherever possible, a lithium battery should be charged using a charger with a lithium profile; the nominal charge voltage for a 12v AGM battery is 14.1-14.4V, which means that using an AC to DC AGM battery charger that does not have automatic desulfation or equalisation modes and set to use the AGM setting will work correctly. However, it will only get your lithium battery to 95% charged.

Regarding DC-DC Chargers and solar controllers, you must change these to LiFePO4-specific models, which can charge your Lithium batteries to an entire 100% State of Charge. The advantage of using a LiFePO4



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charge profile is that it allows users to get the total capacity out of their lithium battery, as the DC-DC LiFePO4 setting will prolong the battery life. You need a DC-DC charger to effectively manage the power input in a lithium battery. **If you are charging from an alternator, you will need a DC-DC Charger that is designed to manage solar specific to lithium (LiFePO4).

This 100Ah deep-cycle lithium battery is constructed from the highest quality materials, designed and manufactured in Australia for use with caravans, camper trailers, motorhomes, 4WD, boats, yachts, trucks and everything in-between. This 100AH Battery will operate flawlessly in extreme heat and will handle heavy vibrations usually associated with corrugated roads. The Giant Power 12V 100Ah Lithium Battery with Grade-A Prismatic LiFePO4 Lithium Cells & includes Active Cell Balancing technology. This Giant Power 100Ah lithium (LiFePO4) deep-cycle battery is dependable and long-lasting, with exceptional performance.

Our customers get a 5 YEAR AUSSIE BATTERY WARRANTY! Australian law ensures that Australian-Made products come with guarantees and warranties that protect the consumer. This might not be the case with imported products where customer service and warranty claims can be much more difficult and unsatisfactory. Buy Aussie Made, Owned & Operated.

A massive 100Ah of high-discharge usable 12V DC power ensures the best performance as Giant Power 100AH lithium 12V batteries outlast in all 12V power applications. 100Ah lithium batteries offer a reliable power solution for campers wanting to run a fridge and LED lights and they are able to store plenty of energy.

Giant 100AH Lithium Batteries have a higher energy density, voltage capacity and lower self-discharge rate than other rechargeable batteries. This makes for better power efficiency. Giant LiFePO4 batteries store three to four times the electrical energy of conventional AGM batteries of similar size and weight. The other advantage of LiFePO4 batteries is they do not have any adverse health or environmental risks, as the cathode material is not hazardous. Unlike gel or lead-acid batteries, the Giant Power Range of Australian Made LiFePO4 batteries is exceptionally portable and has a longer use-life.

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