

Duracell 100 Ah 12.8 Volt Lithium Iron Phosphate (LFP) Battery

Designed for long-lasting and reliable energy storage, the Duracell 100 Ah 12.8 Volt LFP battery is perfect for the off-grid lifestyle. Lighter, more durable, and with a more usable energy capacity and longer lifespan than a traditional Sealed Lead Acid (SLA) battery, it's an invaluable part of a power system for a remote structure, RV, travel van, or boat with a trolling motor. Duracell LFP batteries require practically no maintenance and last up to 10 times longer than their Lead Acid counterparts. They also stay charged longer and lose less energy over time than Lead Acid batteries, giving you more power to achieve your adventure.

Highlights

- A reliable, long-lasting energy storage device.
- Considerable advantages over traditional Sealed Lead Acid (SLA) batteries, including:
 - 2.5 times lighter for better portability
 - Stays charged longer – can hold a charge up to a year with no load on the battery
 - Up to 400% more energy density – LFPs can be fully discharged, Lead-Acid cannot
 - More durable and resilient to vibration, heat and cold
 - Saves money with more usable energy and much longer lifespan
 - Swappable drop-in replacement for SLA (subject to limitations of existing battery charging system)
- Can be combined with other lithium batteries for more energy storage or higher voltage output (2 batteries in series for 24V or 4 batteries in series for 48V) Do not connect more than 4 batteries together in parallel or series
- LFP charger recommended for faster charging (sold separately). Lead-Acid charger may also be used (subject to limitations of existing battery charging system. Must not have de-sulfating feature)
- Designed to last up to 6000 cycles, at which point it will still hold 75-80% of its energy capacity
- Low self-discharge rate means that even occasional users can still be assured that the battery will remain charged for when you need energy most
- IP65-rated housing will protect from dirt, dust, and temporary exposure to water (do not submerge in water)
- Saves money over time -- higher upfront cost but more usable energy and much longer lifespan make it less costly per watt than traditional SLA
- NOTE: Designed for energy storage, does NOT have cold crank current output needed to be an effective engine starting battery

- NOTE: In the unlikely event of a battery fire, use a dry powder fire extinguisher or sand to extinguish (do not use water to attempt to put out a battery fire)

For the Off-Grid Lifestyle

Requiring virtually no maintenance and lasting significantly longer than a Sealed Lead Acid (SLA) battery, the Duracell 100 Ah 12.8 Volt LFP battery can be an integral part of an off-grid power system. Easily recharged using solar panels (such as Duracell 100W or 200W Portable Solar Panels), you can work, build, or explore any destination and have the power to make it feel like home, all while reducing your carbon footprint.

Great for RVs and Trailers

Enjoy your road adventure with less stress and more time to keep lights on, charge your devices and run your fridge. Use multiple devices and appliances at once, limited only by your RV's inverter power capacity. And Duracell's LFP batteries are more temperature tolerant than SLA batteries, so you can set up in desert heat, mountain snow, or wherever the road takes you.

Perfect for #vanlife

Lightweight, sealed, and with no off-gas emissions, LFP batteries are great for van and boat adventures. These non-hazardous batteries let you enjoy safe, reliable power while also protecting the environment. The fast recharge times and a 99% recharge efficiency of LFP batteries means less wasted energy and less time tethered to any particular place. And if you don't have the time or capability to reach a full charge, no worries, since partial charges have no effect on their performance or lifespan.

Reliable Power for Boating Adventures

Energy dense and maintenance free, Duracell LFP batteries are a great choice for powering your trolling motor or onboard electrical devices (not for use as a starting battery). With a lower electrical resistance than SLA batteries, LFP batteries can supply a higher current to your power system which is crucial for running refrigerators, washers, dryers, and other power-hungry appliances, making them perfect for long excursions and living aboard. LFP batteries are also far lighter than a comparable SLA battery, allowing boat owners to lighten their load while keeping the same amount of energy storage.

Convenient Recharging Options

The Duracell 100 Ah 12.8 Volt Lithium Iron Phosphate (LFP) Battery can be recharged with a battery charging system connected to an AC outlet or an off-grid solar panel power system such as a Duracell 100W or 200W Portable Solar Panel.