100Ah 12V $LiFePO_4$ Deep Cycle Battery

Model DFGC2

This 100 amp hour 12 volt deep cycle battery is the perfect drop in replacement for your 6 volt golf cart battery. The stable LiFePO4 chemical composition and built-in battery management system provides you with safe and reliable power.

These low-maintenance batteries are a fifth of the weight of a comparable lead-acid, allowing you to get the best performance out of your golf cart or rig. Our batteries are capable of being discharged to 100% of their rated capacity every time. They can be charged 5 times faster than lead-acid, so you can get out there and stay out there longer! Built to last 10 to 15 years and backed by an industry leading warranty, at Dragonfly Energy, we're leading the green energy change.

Intertek 5011501

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CONFORMS TO UN38.3

Conforms to UL STD 62133-2
Certified to CSA STD C22.2# 62133-2
Conforms to UL STD 2054

Designed & Assembled in the USA

*Heated Option Also Available

Specifications

- 100 Amp Hour, 12 Volt Battery
- LiFePO4 Chemistry
- 3000-5000 Cycles
- Dimensions (L x W x H): 10.31" x 7.28" x 11.02"
- 31 lbs.
- Operating Temp Range: -4°F (-20°C) to 135°F (57.2°C)
- Water Resistant and Sealed (Batteries should not be submerged)
- Built-in BMS (Battery Management System)
- Designed and Assembled in the USA

Charging Parameters

- Absorption Voltage: 14.2V to 14.6V
- Float Voltage: 13.4V to 13.8V
- Equalization Voltage: 14.4V (if Applicable)
- Absorption Time: 30 minutes per 100Ah battery bank
- No Temperature Compensation

Built-in Battery Management System

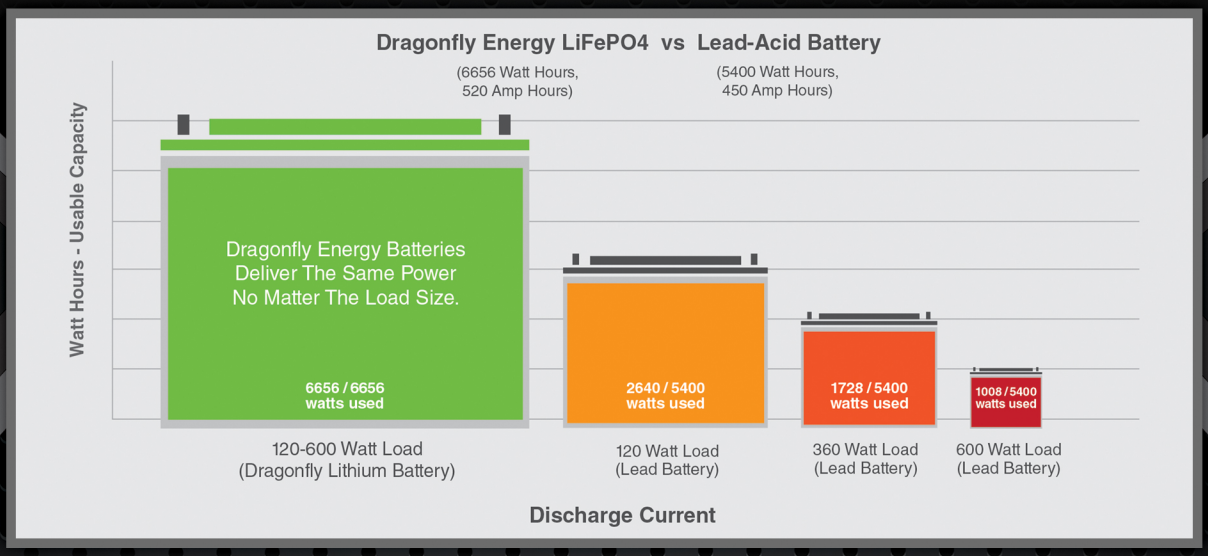
- 100 Amps Continuous
- 200 Amps Surge for 30 Seconds
- ½ Second Surge for Loads Over 200 Amps
- High/Low Voltage Protection
- Short Circuit Protection
- High/Low Temperature Protection
- Cold Charging Protection
- Automatic Cell Balancing at Top of Charge

Please Note: This built-in protection will reset after 5 seconds in most fault conditions. Disconnecting the battery from loads will also reset the BMS.

Leading the "Lead is Dead" Revolution

At Dragonfly Energy, we're creating a new standard in green energy storage. Our team of battery experts works diligently to find new ways for you to get more mileage out of your RV, boat, and off-grid systems, and we design and assemble every battery in the USA because quality isn't only a standard but our highest expectation.

Make the switch *from* lead-acid, make the switch *to* lithium!



Batteries

Dragonfly Energy offers a full line of lithium-ion deep cycle batteries for 12-volt, 24-volt and 48-volt systems, the ultimate replacements for traditional lead acid batteries and relief of battery anxiety... Lead Is Dead. Implementing the latest technologies and producing products with efficiency, safety, and performance in mind, our LiFePO4 batteries are designed to keep you out there longer, wherever that might be.

Technical Support

Dragonfly is not only revolutionizing the industry in green energy storage, but in technical and sales support too. Our in-house team is here to provide an extraordinary customer experience, lifetime support, and valuable resources and information to make your switch to lithium exactly the way you envision.

What Makes Dragonfly Different?

When you replace your traditional lead-acid battery with a Dragonfly Energy lithium-ion battery, you can expect a few things–5,000 to be exact. Each Dragonfly Energy LiFePO4 battery is capable of 3,000-5,000 charge cycles*, is lighter in weight and is equipped with an internal Battery Management System (BMS) to protect your battery and its longevity.

* Under most usage scenarios, after 3000 - 5000 cycles, approximately 75% of battery capacity remains.

Dragonfly Energy researches, designs, and assembles the most advanced deep cycle lithium-ion batteries in the world. Get in touch for partnership, wholesale, and distribution opportunities today!

Questions? Call 775-622-3448 or email us at info@dragonflyenergy.com