



Expion360 Announces Next Generation GC2 and Group 27 Series LiFePO₄ Batteries for Recreational Vehicles

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Latest Advancements in Power Technology Feature Proprietary Vertical Heat Conduction™ Internal Heating, Bluetooth® and CAN Bus Communication

Breakthrough Cell Technology Increases Energy Density by up to 32 Percent

REDMOND, Ore., Jan. 17, 2024 (GLOBE NEWSWIRE) -- [Expion360 Inc.](#) (Nasdaq: XPON) ("Expion360" or the "Company"), an industry leader in lithium-ion battery power storage solutions, today announced the launch of its next generation GC2 and Group 27 series lithium iron phosphate ("LiFePO₄") batteries designed for use in a variety of applications, including recreational vehicles ("RV"), overland vehicles, van builds, marine vessels, and off-grid systems.

The popular line of 12V GC2 and Group 27 LiFePO₄ batteries are engineered with advanced LiFePO₄ chemistry to optimize power and performance in demanding environments. The new versions now include higher amp-hour options and the latest advancements in power technology features, including Expion360's proprietary Vertical Heat Conduction™ ("VHC™") internal heating, Bluetooth® and controller area network ("CAN Bus") communication.

"With more than twenty years of combined experience in both the RV and solar industries and a comprehensive product portfolio, we continue to innovate with our next generation lithium-ion batteries and technology," said Brian Schaffner, Chief Executive Officer of Expion360. "Developing products based on listening to our customers' needs is a key commitment, which is supported by cutting-edge technology, rigorous testing, and a commitment to reliability. Our latest updates to our GC2 and Group 27 batteries include seamless connectivity and integration with RV systems, along with the unmatched power and performance of our complete battery lineup. Our larger capacity options fit the increasing needs of customers to power their energy storage systems and accessories. We continue to focus on customer experience and a strong commitment to customer service."

GC2 and Group 27 LiFePO₄ key technology features and capabilities include:

- **VHC™ (Vertical Heat Conduction)** Proprietary, patent pending, internal heating system.
- **Bluetooth-enabled** - SmartTalk™ app integrates and manages multiple Expion360 Bluetooth-enabled batteries seamlessly.
- **Controller Area Network (CAN Bus) Communication** - CAN Bus capabilities ensure seamless integration with electrical system systems communication, facilitating efficient and reliable communication between the battery and the power system.
- **Advanced Battery Management System (BMS)** - Protects the battery from high/low voltage, short circuit, overcurrent, and high/low voltage charging.
- **4.0Ah and 4.5Ah Cell Technology** - Expion360's breakthrough cell technology increases energy density by up to 32 percent as compared to traditional cells (available in a GC2 size with 162Ah capacity and Group 27 size with 132Ah capacity versions only).
- **Serviceable Top** - Enables replacement of specific parts for warranty of service such as the BMS, internal heater and cell packs (available in Group 27 batteries only).
- **Higher Capacities** - GC2 Batteries are available in long-lasting 144Ah and 162Ah capacities, and Group 27 Batteries are available in 100Ah and 132Ah capacities.

The new series will be available for purchase through more than 300 dealers, wholesalers, private-label customers, and original equipment manufacturers ("OEMs") nationwide. To locate your local Expion360 [dealer](#) or [purchase Expion360 batteries and accessories online](#), go to [expion360.com](#).

About Expion360

Expion360 is an industry leader in premium lithium iron phosphate (LiFePO₄) batteries and accessories for recreational vehicles and marine applications, with residential and industrial applications under development. On December 19, 2023, the Company announced its entrance into the home energy storage market with the introduction of two premium LiFePO₄ battery storage solutions that enable residential and small business customers to create their own stable micro-energy grid and lessen the impact of increasing power fluctuations and outages. [Please find the press release here.](#)

The Company's lithium-ion batteries feature half the weight of standard lead-acid batteries while delivering three times the power and ten times the number of charging cycles. Expion360 batteries also feature better construction and reliability compared to other lithium-ion batteries on the market due to their superior design and quality materials. Specially reinforced, fiberglass-infused, premium ABS and solid mechanical connections help provide top performance and safety. With Expion360 batteries, adventurers can enjoy the most beautiful and remote places on Earth even longer.

The Company is headquartered in Redmond, Oregon. Expion360 lithium-ion batteries are available today through more than 300 dealers, wholesalers, private-label customers, and OEMs across the country. To learn more about the Company, visit [expion360.com](#).

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Forward-Looking Statements and Safe Harbor Notice

This press release contains certain forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, which statements are subject to considerable risks and uncertainties. The Company intends such forward-looking statements to be covered by the safe harbor provisions contained in the Private Securities Litigation Reform Act of 1995. All statements other than statements of historical facts included in this press release, including statements about our beliefs and expectations, are "forward-looking statements" and should be evaluated as such. Examples of such forward-looking statements include statements that use forward-looking words such as "projected," "expect," "possibility" and "anticipate," or similar expressions. Forward-looking statements included in this press release include statements about the Company's product features and capabilities, product development strategy and product distribution, as well as the Company's growth strategy and expansion plans. Forward-looking statements are subject to and involve risks, uncertainties, and assumptions that may cause the Company's actual results, performance or achievements to be materially different from any future results, performance or achievements predicted, assumed or implied by such forward-looking statements.

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