

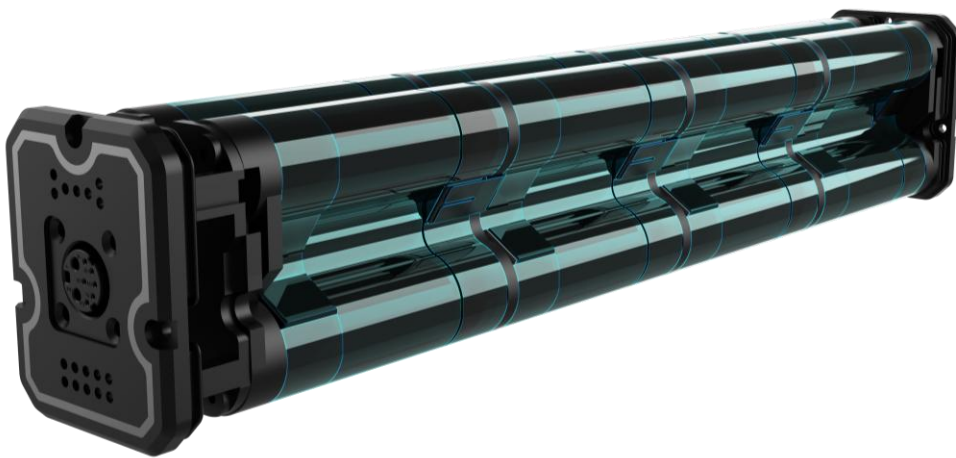
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FOR IMMEDIATE RELEASE

## **Hyena and C-tech Collaborate to Bring AI Server-Grade Safety Standards to E-Bike Batteries**

*New Battery ThermoGuard Technology™ to Be Showcased at Taipei Cycle Show 2025*



**Taipei, Taiwan. – Jan 2025** – Taiwanese e-bike system manufacturer Hyena and lithium battery pack specialist C-tech will jointly unveil ThermoGuard Technology™ at Taipei Cycle 2025, showcasing their collaboration to enhance e-bike battery safety. Established in 1996, C-tech is recognized for its expertise in developing lithium battery packs for diverse applications, including 3C/IT products, energy storage systems, and light electric vehicles (LEVs), with a client portfolio featuring global brands such as LG, HP, Dell, and Acer. Inspired by the rigorous safety standards of AI Server Backup Battery Units (BBUs)—widely used in data centers, telecommunications, and healthcare—ThermoGuard Technology™ integrates advanced safety and reliability features tailored to meet the unique demands of e-bike systems.

### **Technology Highlights**

- Built for Greater Safety - By integrating high-stability materials and multi-layer protective designs, ThermoGuard Technology™ reduces risks and ensures reliable

performance, even in challenging conditions.

- Enhanced Heat Dissipation - Optimized cell spacing, high-conductivity materials, and a built-in pressure release system enable efficient heat and gas dissipation, reducing the likelihood of thermal buildup.
- Flame Containment Design - Flame-resistant materials and reinforced casings keep any thermal incidents localized within the battery pack, preventing external flames and minimizing hazards.

### **Paving the Way for Future Battery Development**

Although ThermoGuard Technology™ is not yet applied to current products, Hyena and C-tech have completed prototype testing and are fully prepared to collaborate with clients on future product development. This innovation lays the groundwork for creating safer and more reliable e-bike systems.

### **Live Demonstrations at Taipei Cycle Show 2025**

At the Hyena booth, visitors can explore ThermoGuard Technology™ through live demonstrations, showcasing its performance compared to conventional e-bike lithium batteries. Visit Booth S0318, 4F, Hall 2 of TaiNEX to learn more about how this innovation is shaping the future of e-bike batteries and explore its potential applications.

### **About Hyena**

Hyena is a leading e-bike system manufacturer based in Taiwan. With a strong emphasis on innovation and integration, Hyena provides state-of-the-art solutions for the e-bike industry, enabling safer, smarter, and more connected riding experiences. For more information, visit: [www.hyena-ebike.com](http://www.hyena-ebike.com)