CHANGAN EUROPE PRESS INFORMATION

Changan to use innovative CATL Naxtra batteries in its passenger vehicles

- **New sodium-ion battery from CATL for future passenger car models from various Changan brands**
- **Innovative battery technology impresses with maximum safety and practicality, even under extreme conditions**
- **CATL Naxtra sodium-ion battery with up to 175 Wh/kg energy density**

Yakeshi, China, February 6, 2026 – Changan Automobile held a release event themed "Changan SDA Intelligence Update & Global Launch of Sodium-Ion Battery Strategy" in Yakeshi, Inner Mongolia. During the event, Changan formally unveiled its global sodium-ion battery strategy and announced the commencement of its 2026 "Global Testing Season."

Industry-First: The "Sodium-Lithium Dual-Star" Era

Changan is accelerating the advancement of sodium-ion battery technology as part of its global battery strategy. Tan Benhong, Chief Brand Officer at Changan, noted that Changan will continue to roll out new sodium-ion battery–equipped vehicles across multiple brands in the near future. "From extreme conditions to everyday driving, every pursuit of limits at Changan ultimately serves to protect each of our users' everyday journeys," he stated.

With up to 175 Wh/kg, the energy density of the CATL Naxtra Battery is among the highest of any mass-produced sodium-ion batteries. Vehicles equipped with sodium-ion power batteries are undergoing systematic validation under extreme conditions, with testing designed to verify both performance boundaries and intrinsic safety. Under extreme cold conditions, sodium-ion battery systems provide low-temperature superiority. They demonstrated stable discharge capability, significantly enhancing both battery safety and performance in ultra-low-temperature environments, with validation continuing beyond minus 40 degrees Celsius.

Changan conducted a series of extreme abuse tests exceeding national standards to establish safety benchmarking and verify intrinsic safety characteristics. These included

multi-axis crushing, drill penetration, and complete sawing – with no smoke, fire, or explosion – demonstrating strong inherent stability.

SDA Intelligence: Bridging Extreme Trials and Daily Reliability

The launch also showcased SDA Intelligence, which moves beyond passive safety into proactive, AI-driven vehicle stabilization. During the live "Extreme Cold" testing in Yakeshi, the Changan cars demonstrated real-world resilience. Vehicles from Avatr and Changan brands, including the CS Series, Changan Deepal, and Changan Nevo, were subjected to a range of extreme real-world scenarios under severe low-temperature conditions.

The Yakeshi trials at the same time showcased the next evolution of SDA Intelligence, Changan's proactive safety framework. Unlike traditional lab simulations, these tests focused on evaluating intelligent driving and chassis control in unpredictable, low-friction natural environments.

The Avatr 12 mastered an ice-surface emergency lane-change following a tire blowout, with the distributed electric drive system maintaining a perfectly composed trajectory. Changan Nevo Q05 successfully identified obstacles on low-friction ice during an Adaptive Cruise Control (ACC) challenge, achieving a controlled emergency halt.

Systematic Validation for Reliability

User-facing safety at Changan is built on a validation-first approach, in which all critical testing and verification are completed before vehicles reach customers. Behind this approach lies a robust verification system and a globally advanced cluster of laboratories, forming the foundation for Changan's ability to deliver comprehensive, all-scenario safety.

For real-world validation of mechanical hardware, Changan has built the Western Automotive Proving Ground, covering an area of about 2.33 square kilometres with cumulative investment exceeding 3 billion Chinese Yuan (approximately 431 million USD). The proving ground features 14 dedicated test roads and more than 70 types of special road surfaces, with annual test mileage surpassing 20 million kilometres, equivalent to circling the Earth approximately 500 times.

In software and code-based simulation validation, Changan operates China's only National Key Laboratory for Intelligent Vehicle Safety Technology, the globally Changan

SDA Lab. The lab covers more than 400,000 virtual simulation scenarios with daily intelligent driving simulation mileage exceeding 3.3 million kilometres.

Together, these rigorous validation systems and advanced laboratory capabilities form the technological foundation for the inherent safety of Changan's SDA Intelligence. They ensure that every Changan vehicle is equipped from the outset with reliable, built-in safety assurance that users can depend on from day one.

The Global Testing Journey Continues

Yakeshi is only the starting point. The 2026 Global Testing Season will include Southeast Asia for high-humidity durability and the European Alps for high-altitude chassis tuning. In Eurasia, Changan will conduct winter testing centred on confidence in ice and snow, with Avatr 12 as the test vehicle. In Latin America, Changan will carry out a Mexico cross-country drive from Cancun to Merida, focusing on long-distance reliability.

Together, these region-specific test programs form an integrated global validation cycle, ensuring that technologies proven under various conditions translate into reliable, everyday performance for users worldwide.

Caption:

Image 1: Changan vehicles during "Changan SDA Intelligence Update & Global Launch of Sodium-Ion Battery Strategy" in Yakeshi: In the future, the manufacturer will also equip its models with Naxtra Sodium-ion batteries from CATL.

Combined WLTP values:

Avatr 12 and Changan Nevo Q05: The vehicles are not offered for sale in the European Union and are therefore not subject to Directive 1999/94 EC.

About Changan

Changan, one of China's largest automotive groups, has 42 years of experience in automobile manufacturing and is headquartered in Chongqing. Chongqing Changan Automobile Co, Ltd (Shenzhen Stock Exchange: SZSE 000625) operates 14 manufacturing

bases and 39 plants worldwide, 79 branches and subsidiaries, sales and service networks in 115 countries and regions, and more than 14,000 global sales outlets. It employs over 80,000 people directly and supports more than one million jobs across its entire value chain. Changan's portfolio includes its own brands, such as Changan and Avatr, alongside joint ventures like Changan Ford and Changan Mazda. Since 2001, Changan has strengthened its European presence with a design centre in Turin and a research and development centre in Birmingham. Changan surpassed 30 million units in cumulative production and sales in December 2025. With the launch of its vehicles in Europe, Changan marked a new chapter in its international expansion in 2025.

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