

# Battery testing republic of china



## Overview

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Released by the Ministry of Industry and Information Technology, the "Safety Requirements for Power Batteries Used in Electric Vehicles (GB38031-2025)" introduces seven cell-level tests and 17 battery pack or system-level tests, marking a new benchmark for safety when it. Released by the Ministry of Industry and Information Technology, the "Safety Requirements for Power Batteries Used in Electric Vehicles (GB38031-2025)" introduces seven cell-level tests and 17 battery pack or system-level tests, marking a new benchmark for safety when it. China is ramping up electric vehicle battery trials and testing projects, months ahead of a new mandatory national safety standard set to take effect next year. Compared with GB 38031—2020, the main technical changes, aside from structural adjustments have been stems, or whole vehicle content in this document may involve patents. The publishing organization of this document does not bear the responsibility for. BEIJING, April 15 -- An updated mandatory national standard on the safety of electric vehicle batteries in China is set to take effect on J. 9/2023, dated J, the Certification and Accreditation Administration of the People's Republic of China (CNCA) issued an overview of approved accredited test laboratories for testing of lithium-ion batteries. As a core component, the China EV battery directly influences vehicle. y safety requirements".

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### Determination of Accredited Test Laboratories for Lithium-Ion Battery

In Announcement No. 9/2023, dated J, the Certification and Accreditation Administration of the People's Republic of China (CNCA) issued an overview of approved accredited ...

### China EV Power Battery Inspection and Testing: Challenges and ...

This article systematically examines the existing problems, proposes multi-dimensional strategies, and incorporates tables and formulas to summarize key points, aiming to enhance the ...

12V 10AH



Warranty  
**10 years**

- LiFePO<sub>4</sub>
- Intelligent BMS
- Wide Temp: -20°C to 55°C



### National Standards of the People's Republic of China

6.1.3 For battery packs or systems that are enclosed by a body frame and constitute the battery pack enclosure, testing can be performed with the enclosure or body frame.

## EV, BEV and PHEV Testing , SGS China

Testing services for battery cells, modules and entire systems, from small hybrids to full electric cars. The battery is the key component of the electric vehicle.



## New China EV Battery Standard Enhances Performance Testing ...

A landmark update in China's electric vehicle (EV) battery testing landscape has been introduced with the release of GB/T 31467--2023, a comprehensive standard that redefines how lithium-ion battery ...

## China's new EV battery safety standard to take effect in July 2026

The revisions include updates to thermal diffusion testing of batteries, further clarifying the temperature requirements, observation time, and vehicle testing conditions. A new bottom impact ...



## Replacing GB 38031-2020

This Standard specifies the safety requirements and test methods for secondary cells, battery packs or systems of traction battery (hereinafter referred to as battery) for electric vehicles.



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## China Launches Battery Safety Program , APA Engineering

On 31 July 2025, the China Quality Certification Center (CQC) formally launched a new safety certification program for lithium-ion batteries and battery packs used in electric energy storage ...



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## Battery Testing Laboratory in China , JJRLAB

JJRLAB laboratory in China that can provide various performance and safety tests for battery cells, lithium-ion batteries, nickel-cadmium batteries, nickel-metal hydride batteries

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## China enhances power battery testing ahead of new safety standard ...

China is ramping up electric vehicle battery trials and testing projects, months ahead of a new mandatory national safety standard set to take effect next year.



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