

ICS 29.220.20

CCS K84



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 46735.2-2026

**High-temperature secondary batteries - Part 2: Safety
requirements and tests**

高温蓄电池 第2部分：安全要求和测试

(English Translation)

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Foreword

GB/T 46735.2-2026 is a recommended national standard (GB/T) of the People's Republic of China, issued on 28 September 2026 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 April 2027.

The document adopts an international standard (ISO or IEC).

It is under the responsibility of the China Electrical Equipment Industry Association.

Classification: ICS 29.220.20; CCS K84.

1 Scope

This standard is Part 2 of a series on high-temperature secondary batteries and concerns safety requirements and tests. High-temperature rechargeable batteries are used in stationary energy storage and industrial applications where the cells operate at elevated temperatures, and safety is a central concern for makers, installers, and operators.

Battery manufacturers, system integrators, test laboratories, certification bodies, and buyers of energy storage equipment are the people most likely to use it. As a recommended national standard (GB/T) it is voluntary unless a customer, contract, or other rule calls for it. It adopts an international standard and was prepared under the China Electrical Equipment Industry Association.

The document should be read as the applicable Chinese reference for this subject alongside the other parts of the same series, and it gives purchasers a common yardstick when comparing the safety of cells from different suppliers. It takes effect on 1 April 2027.