

ICS 29.220.99

CCS K82



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

GB/T 48105-2026

**Secondary cells and batteries containing alkaline or other
non-acid electrolytes - Secondary lithium cells and batteries
used in industrial applications - Safety requirements**

含碱性或其他非酸性电解质的蓄电池和电池组 工业设备用锂蓄电池和电池组 安全要求

(English Translation)

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Foreword

GB/T 48105-2026 is a recommended national standard (GB/T) of the People's Republic of China, issued on 28 August 2026 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 March 2027.

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

It is under the responsibility of the Ministry of Industry and Information Technology (Electronics).

Classification: ICS 29.220.99; CCS K82.

1 Scope

This standard states safety requirements for secondary lithium cells and batteries used in industrial applications. It sits within the family of documents on secondary cells and batteries that contain alkaline or other non-acid electrolytes. It is relevant to battery manufacturers, makers of industrial equipment that uses lithium batteries, test laboratories, certification bodies and safety engineers.

It adopts an international standard and takes effect on 1 March 2027. As a GB/T standard it is recommended and not compulsory, but customers and certifiers often ask for conformity to such documents. Companies exporting industrial lithium batteries to China, or importing equipment that contains them, can use it to understand how safety is framed in the national system. It is a new document for this product category, issued under the responsibility of the Ministry of Industry and Information Technology.