

ICS 29.220.99

CCS K 82



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

GB/T 48072-2026

**Sodium ion cells and batteries used in electrical energy storage
systems - Safety technical specification**

电能存储系统用钠离子电池和电池组 安全技术规范

(English Translation)

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Table of Contents

- Foreword
- 1 Scope
- 2 Normative references
- 3 Terms and definitions

Foreword

GB/T 48072-2026 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.

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

Classification: ICS 29.220.99; CCS K 82.

1 Scope

This safety technical specification applies to sodium ion cells and batteries used in electrical energy storage systems. Sodium ion technology is an alternative to lithium-based chemistry for stationary storage, and the document speaks to battery manufacturers, energy storage system integrators, test laboratories, developers and operators who need defined safety expectations for these products.

It is a recommended national standard (GB/T) under the responsibility of the Ministry of Industry and Information Technology, and it takes effect on 1 March 2027. Because sodium ion storage is a newer field, a published national specification gives suppliers and buyers a common reference when discussing safety in tenders and technical agreements. Project owners, insurers and certification bodies evaluating energy storage projects in China may also look to it when assessing the safety basis of the batteries involved.