

ICS 29.220.99

CCS K82



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

GB/T 48098-2026

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

电能存储系统用钠离子电池和电池组 技术规范

(English Translation)

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**Issued by: State Administration for Market Regulation;
Standardization Administration of China**

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Foreword

GB/T 48098-2026 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 K82.

1 Scope

This standard gives a technical specification for sodium ion cells and batteries used in electrical energy storage systems. Sodium ion technology is an alternative to lithium-based chemistries for stationary storage, and a national specification provides a common reference for what such cells and battery packs should meet in storage applications.

Battery cell and pack manufacturers, energy storage system integrators, developers and operators of storage projects, test laboratories and procurement teams are the main audience. A shared specification lets buyers compare offers from different cell makers on the same basis.

It is a recommended (GB/T) standard and therefore voluntary; it applies where contracts, tender documents or project specifications refer to it. For international developers and suppliers active in China, it shows how sodium ion storage products are positioned within national standardization. It was issued on 28 August 2026 and takes effect on 1 March 2027.