

ICS 43.120
CCS T47



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

GB/T 48093.1-2026

**Solid-state battery for electric vehicle - Part 1: Terms and
classification**

电动汽车用固态电池 第1部分：术语和分类
(English Translation)

Issued on: August 28, 2026

Implemented on: January 1, 2028

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

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Foreword

GB/T 48093.1-2026 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 January 2028.

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

Classification: ICS 43.120; CCS T47.

1 Scope

Part 1 of this series gives terms and classification for solid-state batteries for electric vehicles. A shared vocabulary and classification scheme is useful in a fast-moving technology area, where companies use different words for similar designs. The document is aimed at battery developers, vehicle makers, researchers, testing bodies, regulators and writers of technical specifications who need consistent language.

It takes effect on 1 January 2028, a later date than most documents issued on the same day, which gives industry time to prepare. It is a recommended national standard (GB/T) under the Ministry of Industry and Information Technology. As the opening part of a new series, later parts, where published, will likely depend on the terminology set here, and companies preparing product literature or procurement terms can use it to align their wording.