

ICS 43.120
CCS T40



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

GB/T 48100-2026

Test method for electric vehicles traction battery in service

电动汽车动力蓄电池在役检测试验方法

(English Translation)

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Foreword

GB/T 48100-2026 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.

Classification: ICS 43.120; CCS T40.

1 Scope

This standard specifies test methods for traction batteries of electric vehicles while they are in service. It covers general test conditions, the items to be inspected and estimated, the inspection and estimation methods, and the reporting of results, and it applies to the inspection of in-service traction batteries. It also includes informative annexes on sensor schematics and on a results reporting form.

Potential users include battery inspection and maintenance providers, vehicle makers, second-use and recycling operators, fleet owners and test laboratories. The standard takes effect on 1 March 2027. It is a recommended national standard (GB/T) under the Ministry of Industry and Information Technology. Companies that assess battery condition during use, for example when vehicles are serviced or traded, can apply a shared inspection routine.