

ICS 43.040
CCS T47

QC

**AUTOMOTIVE INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

QC/T 1022-2026

Replacing QC/T 1022-2015

**Technical specifications and test methods of reduction gearbox
for battery electric vehicles**

纯电动汽车用减速器总成技术要求及试验方法

(English Translation)

Issued on: April 16, 2026

Implemented on: November 1, 2026

Issued by: Ministry of Industry and Information Technology

Table of Contents

Foreword

1 Scope

2 Normative references

3 Terms and definitions

Foreword

QC/T 1022-2026 is a recommended industry standard of the People's Republic of China in the Automotive sector, approved and issued by the Ministry of Industry and Information Technology on 16 April 2026, with effect from 1 November 2026.

This edition replaces QC/T 1022-2015.

Classification: ICS 43.040; CCS T47.

1 Scope

QC/T 1022-2026 sets out the technical requirements and test methods for the reduction gearbox assembly used in battery electric vehicles. The reduction gearbox is the unit that lowers the speed of the drive motor and passes the torque on to the wheels. The document covers the requirements for the assembly and the methods used to test it.

It is used by gearbox and drive system manufacturers, vehicle makers who specify and buy these assemblies, and test laboratories. It is a voluntary standard, as the /T in its code shows. It was approved by the Ministry of Industry and Information Technology, issued on 16 April 2026 and takes effect on 1 November 2026. It replaces QC/T 1022-2015.