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ICS 43.120
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QC

AUTOMOTIVE INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

QC/T 1086-2026

Replacing QC/T 1086-2017

Specifications and test methods for range extender of electric vehicles

电动汽车用增程器技术要求及试验方法

(English Translation)

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Foreword

QC/T 1086-2026 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 1086-2017.

Classification: ICS 43.120; CCS T47.

1 Scope

QC/T 1086-2026 specifies the technical requirements and test methods for range extenders of electric vehicles. A range extender is an on-board power unit that supplies electricity to extend the driving distance of an electric vehicle. The document covers the requirements placed on the unit and the methods used to test it.

The standard is used by range extender manufacturers, electric vehicle makers that specify and buy them, 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 1086-2017.

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