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NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA

ICS 43.020

T 40

GB/T 36980-2018

Energy consumption limits for electric vehicles

电动汽车能量消耗率限值

Issued on: December 28, 2018

Implemented on: July 01, 2019

Issued by: State Administration for Market Regulation;

**Standardization Administration of the People's Republic of
China.**

Table of Contents

Foreword.....	3
1 Scope.....	4
2 Normative references.....	4
3 Terms and definitions	4
4 General requirements	4
5 Energy consumption limits	4

Energy consumption limits for electric vehicles

1 Scope

This Standard specifies energy consumption limits for electric vehicles.

This Standard is applicable to Category-M₁ pure electric vehicles of which the maximum design total mass does not exceed 3500kg.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

GB/T 18386-2017, *Electric vehicles - Energy consumption and range - Test procedures*

GB/T 19596, *Terminology of electric vehicles*

3 Terms and definitions

For the purposes of this document, the terms and definitions defined in GB/T 18386-2017 and GB/T 19596 apply.

4 General requirements

4.1 The unit of energy consumption measured by the model according to GB/T 18386-2017 is converted from (W·h)/km to (kW·h)/100km. The same effective number shall be retained after conversion.

4.2 The energy consumption of the model shall meet the corresponding limits specified in this Standard.

5 Energy consumption limits

5.1 For models with three rows of seats¹ and the maximum speed² is greater

¹ As long as there is a seat mounting point that can be used, it shall be regarded as the "seat" exists.

² The maximum speed declared during the energy consumption test of the model according to GB/T

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