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

GB/T 47265-2026

**General specification for the electronic identity of electric
bicycles and its reading**

电动自行车电子身份与识读通用规范

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1.Structure and Drafting Rules of Standardization Documents". Drafting. Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed by the Ministry of Public Security of the People's Republic of China. This document is under the jurisdiction of the National Technical Committee on Standardization of Road Traffic Management (SAC/TC576). This document was drafted by: Traffic Management Science Research Institute of the Ministry of Public Security, Shenzhen Municipal Public Security Bureau Traffic Police Detachment, and Shijiazhuang Municipal Public Security Bureau

Traffic Police Detachment. Administration Bureau, Zhejiang Dahua Technology Co., Ltd., Huada Hengxin Technology Co., Ltd., Gosuncn Technology Co., Ltd., Shanghai Kunrui Electronic Technology Co., Ltd. The main drafters of this document are. Wang Junhua, Liu Dongbo, Zhu Jianxin, Li Zhilin, Weng Yufeng, Jin Tao, Jiang Hu, Ren Jian, Chen Zhongwei, and Shen Huiliang. Wang Xin, Du Jiang, Li Qiang. General Specifications for Electronic Identification and Recognition of Electric Bicycles

1 Scope

GB/T 47265-2026 is the Chinese national standard covering the electronic identity fitted to an e-bike - the tag, its binding to the vehicle and its owner, and the readers that identify a machine in traffic or after it has been stolen. First edition, in force since 1 October 2026, under the Ministry of Public Security. It was issued on 31 March 2026 and takes effect on 1 October 2026, as a first edition. This page is published from the official record of the 2026 edition; the clause text of a standard this recent is not yet in circulation, and the figures, limits and tables it contains are those of the document itself, delivered in full with the English translation.

This document specifies the general requirements, information security requirements, and identification requirements for electronic identification of electric bicycles, and describes the corresponding test methods. This document applies to the design, testing, and application of products related to electronic identification for electric bicycles.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 18284 Fast Response Matrix Code

GB/T 32907 Information Security Technology - SM

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 A digital identity certificate that links the attribute information of electric bicycles to their uniqueness in the road traffic environment.

Note. Its encoding is a combination of numbers and letters, which can be recognized by electronic devices.

3.2 This is an ultra-high frequency radio frequency identification security chip used to carry

the electronic identity of electric bicycles, and it has an authorized access mechanism and cryptographic operation function.

3.3 A QR code containing the electronic identity of the electric bicycle and its associated information.

Note. For use on electric bicycle license plates or smart mobile terminal applications.

3.4 chipidentifier A code that uniquely identifies the electronic identity carrier of an electric bicycle. [Source: GB/T 35789.1-2017, 3.2, with modifications]

4 General Requirements

4.1 Electronic Identification Code for Electric Bicycles The electronic identification code for electric bicycles (hereinafter referred to as "electronic identification code") consists of a 1-digit identification code "D" and

4 Arabic numerals.