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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 22199.2-2025

Replacing GB/T 22199.2-2017

Valve-regulated lead-acid batteries for moped - Part 2: Kinds of products and specifications

电动助力车用阀控式铅酸蓄电池 第2部分：产品品种和规格

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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. This document is Part 2 of GB/T 22199 "Valve-regulated lead-acid batteries for electric bicycles". GB/T 22199 has been published. The following section.

1.Technical Specifications;

2.Product Varieties and Specifications. This document replaces GB/T 22199.2-2017 "Valve-regulated lead-acid batteries for electric bicycles - Part

2.Product types and specifications". Compared with GB/T 22199.2-2017, the main technical changes in the revised standard are as follows, except for structural adjustments and editorial modifications.

---The scope of application has been changed (see Chapter 1, Chapter 1 of the.2017 edition);

---The product model numbering system has been modified, and new marking information has been added (see Chapter 4, Chapter 3 of the.2017 edition);

---The product specifications and dimensions have been revised, and new specifications have been added (see 6.1,

5.1 in the.2017 version);

---The image showing the external structure of the battery has been changed (see 6.2,

5.2 in the.2017 version);

---The schematic diagram of the L-type terminal has been revised (see 6.3.2, version

5.3.2 of the.2017 edition);

---Added L-type terminal size table (see 6.3.2). 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 China Electrical Equipment Industry Association. This document is under the jurisdiction of the National Lead-acid Battery Standardization Technical Committee (SAC/TC69). This document was drafted by: Tianneng Battery Group Co., Ltd., Chaowei Power Group Co., Ltd., and Anhui Shengyuan Power Technology Co., Ltd. Company, Anhui Yongheng Power Technology Co., Ltd., Zhejiang Chaowei BTR Technology Co., Ltd., Anhui Lipulas Power Technology Co., Ltd., Shandong Jinkeli Power Technology Co., Ltd., Shenyang Battery Research Institute Co., Ltd., and Changxing County Quality and Technical Supervision and Testing Center. The main drafters of this document are. Yang Jianfen, Yu Jie, Pan Zhigang, Yang Fanke, Wu Liang, Dong Jie, Xing Yanchao, Cheng Ziming, Shen Jie, Fang Mingxue, and Dong Yifeng. Liu Liang. The release history of this document and the document it replaces is as follows:

1 Scope

GB/T 22199.2-2025 is the Chinese national standard on valve-regulated lead-acid batteries for moped - part 2: kinds of products and specifications, in the field of electrical engineering. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 5 October 2025 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 May 2026. Classification: ICS 29.220.20, CCS K84. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document specifies the model designation, specifications, external structure, and battery terminal shape of valve-regulated lead-acid batteries for electric bicycles. size. This document applies to electric bicycles, electric scooters, electric balance scooters, electric wheelchairs, and other vehicles that use batteries as their primary power source. Valve-regulated lead-acid batteries (or simply batteries) are used.

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.

JB/T 2599 Method for Compiling and Naming the Name and Model Number of Lead-Acid

Batteries

3 Terms and Definitions

This document does not contain any terms or definitions that need to be defined.

4.Model Numbering Battery product models shall conform to JB/T 2599 requirements, and product type shall be indicated by the first capital letters of the pinyin for "electric assist" (). For a detailed model naming diagram, please see Figure 1. Figure

1.Model naming diagram Example 1.6-DZFG-20 is a valve-regulated high-temperature lead-acid battery with a rated capacity of 20Ah for electric bicycles. Example 2.6-DZF-20 is a valve-regulated lead-acid battery for electric bicycles with a rated capacity of 20Ah. Example 3.6-DZFD-20 is a valve-regulated, low-temperature lead-acid battery with a rated capacity of 20Ah for electric bicycles.