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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 7403.2-2018

Replacing GB/T 7403.2-2008

Lead-acid traction batteries -- Part 2: Product types and specifications

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Foreword

GB/T 7403 "Leading Battery for Traction" is divided into two parts.

--- Part 1. Technical conditions;

--- Part 2. Product variety and specifications.

This part is the second part of GB/T 7403.

This part is drafted in accordance with the rules given in GB/T 1.1-2009.

This part replaces GB/T 7403.2-2008 "Leading Lead Acid Battery for Traction Part 2. Product Variety and Specifications", and GB/T 7403.2-

Compared to.2008, the main technical changes are as follows.

--- Added normative references (see Chapter 2);

--- Increased the outline of the product structure (see 3.2, Figure 2);

--- The product model and specifications in the original standard have been reorganized and integrated (see Table 1, Table 1, Table 2, and Table 3 of the.2008 version);

--- Delete the definition of "terminal polarity identification of battery" in the original standard (see Chapter 4 of the.2008 edition);

--- Add battery connection for "protective connection" (see 4.3).

This section uses the redrafting method to modify the use of IEC 60254-2.2008 "Leading Lead Acid Battery Part 2. Battery Size and End

Sub and polar marks.

This section has more structural adjustments than IEC 60254-2.2008. This section and IEC 60254-2- are listed in Appendix A.

The.2008 chapter number comparison list.

There are technical differences between this part and IEC 60254-2.2008. The corresponding technical differences and their causes are given in Appendix B.

Watch list.

This part was proposed by China Electrical Equipment Industry Association.

This part is under the jurisdiction of the National Lead-acid Battery Standardization Technical Committee (SAC/TC69).

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1 Scope

This part of GB/T 7403 specifies the naming method, product classification, variety specifications, battery terminal size, battery for traction battery.

Polarity marks and how to connect.

This section applies to industrial and mining enterprises, warehouses, terminals and stations for electric vehicle power supply, especially for electric traction vehicles or material handling equipment.

A traction lead-acid battery (hereinafter referred to as a battery) used for power supply.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

JB/T 2599 lead-acid battery product model preparation method

3 Product name and code meaning

The battery model should be in accordance with JB/T 2599 requirements. The product name and code meaning are shown in Figure 1.

n D-xxx-[ ] x

The number of positive plates, represented by the numbers "1, 2, 3,"

Expressed by the letters "Z" and "K", "Z" means a narrow series of batteries of width 158mm;

"K" means wide series, ie 198mm series battery

Battery 5 hour rate rated capacity, expressed in numbers (unit. Ah, can not be marked)

Lead-acid battery for traction

Number of single batteries (one single battery can be marked)

Figure 1 Product name and code meaning

3.1 Model and specifications of the product

The model and specification of the product Z series meet the requirements of Table 1, the K series meets the requirements of Table 2, and the other series meet the requirements of Table 3.

3.2 Product structure

The outline structure of the product is shown in Figure 2.