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**Coding regulation for
automotive traction battery**

汽车动力蓄电池编码规则

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Foreword

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

This Standard is proposed by Ministry of Industry and Information Technology of the People's Republic of China.

This Standard is under the jurisdiction of National Technical Committee of Auto Standardization (SAC/TC 114).

Drafting organizations of this Standard: China Automotive Battery Research Institute Co., Ltd., China Automotive Technology & Research Center, BYD Co., Ltd., Ningde Contemporary Amperex technology Co., Ltd., Jianghuai Automobile Group Corp., Ltd., Shanghai Jiexin Traction battery System Co., Ltd., Shanghai Cenat New Energy Co., Ltd., Jiangsu Chunlan Clean Energy Research Institute Co., Ltd., Chongqing Changan Automobile Co., Ltd., Tianjin Lishn Battery Joint-stock Co., Ltd., Huizhou Yineng Electronics Co., Ltd., HuaChen Auto Group Holdings Co.,Ltd., Zhejiang Tianneng Technology Co., Ltd., Zhejiang Godsend Power Technology Co., Ltd., SAIC Volkswagen Automobile Co., Ltd.

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Coding regulation for automotive traction battery

1 Scope

This Standard specifies the objects, composition of code structures, representation method for code structures and data carriers of coding of automotive traction battery.

This Standard applies to automotive traction batteries, super capacitors and other rechargeable energy storage devices.

2 Normative references

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

GB/T 15425 Bar code for commodity - 128 bar code

GB/T 18284 QR code

GB/T 18347 128 bar code

GB/T 19596 Terminology of electric vehicles

ISO/IEC 16022 Information technology - Automatic identification and data capture techniques - Data matrix bar code symbology specification

3 Terms and definitions

For the purpose of this Standard, the following terms and definitions and those defined in GB/T 19596 shall apply.

3.1

traction battery code

Identification code represents main attributes and uniqueness of traction batteries, which consists of a group of numbers and English letters having a certain information meaning.

Annex A

(informative)

Code examples

A.1 Code example of traction battery products

A code example of a traction battery pack is as follows:

101PE052011A117AA0000100

- 101 (manufacturer code): the uniformly allocated code of the manufacturer of the traction battery pack;
- P (product type code): traction battery pack;
- E (battery type code): the main body of positive electrode active material of the battery in the traction battery pack is ternary material;
- 05 (specification code): the recorded enterprise-custom specification code of the traction battery pack;
- 2011A11 (extended structure 1 code): the recorded enterprise-custom traceability information code of the traction battery pack;
- 7AA (manufacture date code): the manufacture date of the traction battery pack is October 10, 2017;
- 0000100 (serial number): the serial number of traction battery packs of the same specification manufactured on the same day.

A.2 Code example of cascade-use traction battery products

A code example of a cascade-use traction battery module is as follows:

201MC038800002000RM

- 201 (manufacturer code): the uniformly allocated code of the manufacturer of the cascade-use traction battery pack;
- M (product type code): the code of cascade-use traction battery module;
- C (battery type code): the main body of positive electrode active material of the cascade-use traction battery module is lithium manganese oxide material;
- 03 (specification code): the recorded enterprise-custom specification code of the