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

GB/T 46507-2025

Safety of child riding and activities - Child electric scooters

儿童骑行及活动用品安全 儿童电动滑板车

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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. 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 National Light Industry Council. This document is under the jurisdiction of the National Toy Standardization Technical Committee (SAC/TC253). This document was drafted by: Jiangsu Little Dinosaur Children's Products Group Co., Ltd., Fujian Provincial Institute of Product Quality Inspection, and Zhejiang Fangyuan Inspection. Test Group Co., Ltd., Bureau Veritas (Shanghai) Co., Ltd., EKO Testing & Certification Co., Ltd., Intertek Shenzhen Service Co., Ltd., Beijing China Light Industry Federation Certification Center Co., Ltd., Shanghai Customs Electromechanical Products Testing Technology Center, Ninebot (Beijing)

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1 Scope

GB/T 46507-2025 is the Chinese national standard covering the child's electric scooter - the speed limit and the braking distance, the stability and the structural strength, the battery and charging safety, the pinch points and the exposed parts, and the warnings and age marking. First edition, under the China National Light Industry Council. In force from 1 November 2026. Issued on 5 October 2025, it takes effect on 1 November 2026.

This document specifies the general technical requirements for children's electric scooters and describes the corresponding test methods. This document applies to electric scooters used by children aged 6 to 14. This document does not apply to children's electric scooters designed for use on public transportation roads, nor to non-powered toy scooters or skateboards. Electric bicycles, electric-assisted bicycles, electric wheelchairs, or similar electric vehicles are not permitted, nor are battery-powered ride-on toys.

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 755-2025 Ratings and Performance of Rotating Electrical Machines

GB/T 6672 Mechanical Measurement Method for Determination of Thickness of Plastic Films and Sheets

GB 6675.2-2025 Toy Safety Part

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 electric scooter Powered by a battery, it has at least one standing surface, at least two wheels, one handlebar, and one adjustable or fixed length. The riser is a vehicle for riding.

3.2 protection cover Protective devices fastened to products to reduce harm to users from transmission systems and other components.

3.3 Fastener A mechanical device that connects two or more parts together.

3.4 Folding mechanism A folding or sliding mechanism that is connected by hinges or pivots and generates squeezing or shearing forces during operation.

4 Migration of Certain Elements

GB/T 19865-2024 Safety of Electric Toys

GB/T 22048 Determination of certain phthalate plasticizers in toys and children's products

GB/T 29614-2021 Determination of Polycyclic Aromatic Hydrocarbon Content in Vulcanized Rubber

GB/T 41524 Determination of Short-Chain Chlorinated Paraffin Content in Toy Materials by Gas Chromatography-Mass Spectrometry