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

GB/T 46504-2025

Integrated electrical cooking ranges

集成电灶

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Table of Contents

1.Scope	1
2 Normative References	1
3.Terms and Definitions	2
4.Classification	2
5 Requirements	2
7.Inspection Rule	12
8.Marking, Packaging, Transportation and Storage	12

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 China National Light Industry Council. This document is under the jurisdiction of the National Technical Committee on Standardization of Household Appliances (SAC/TC46). This document was drafted by: Zhejiang Ande Electric Appliance Co., Ltd., China Household Electric Appliance Research Institute, Zhejiang Shuaifeng Electric Appliance Co., Ltd., and Zhongjia Electric Appliance Co., Ltd. Institute (Beijing) Testing & Certification Co., Ltd., Zhejiang Senge Intelligent Kitchen Appliances Co., Ltd., Miji Electronics & Electrical Appliances (Shanghai) Co., Ltd., and Weikai Testing Measurement Technology Co., Ltd. The main drafters of this document are. Qian Sheng, Chen Wei, Li Bo, Wang Yingying, Zhang Jianjun, Ji Canyue, and Xing Jun. Integrated electric stove

1 Scope

GB/T 46504-2025 is the Chinese national standard covering the range that combines hob, downdraft extractor and oven or steamer in one unit - the cooking performance of each function, the extraction efficiency of a downdraft against a conventional hood, the noise, and the electrical safety of the combination. First edition, in force from 1 May 2026. Issued on 5 October 2025, it has been in force since 1 May 2026.

This document specifies the classification, requirements, inspection rules, marking, packaging, and transportation of integrated electric stoves for household and similar uses (hereinafter referred to as "appliances"). The transportation and storage methods are

described, along with the corresponding experimental procedures. This document applies to single-phase appliances with a rated voltage not exceeding 250V, and other appliances with a rated voltage not exceeding 480V for household and similar applications. The production, inspection and sales of integrated electric stoves. This document does not apply to gas appliances or the gas components of those appliances.

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 191 Packaging and Storage Graphic Symbols

GB 4343.1 Electromagnetic compatibility requirements for household appliances, power tools and similar appliances - Part

8 Special requirements for integrated electric stoves

GB/T 35758 Method for measuring standby power of household appliances

GB/T 38051.2-2019 Household cooking appliances - Part

2. Test methods for the performance of cooktops QB/T 4404-2024 Electric Stove QB/T 5508-2021 Household and similar purpose standing electric oven QB/T 5908-2023 Electric Steam Ovens for Household and Similar Purposes