

ICS 97.170
CCS Y 62



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

GB/T 23106-2024

Replacing GB/T 23106-2008

**Household and similar use electrical hair care appliances -
Methods for measuring the performance**

家用和类似用途毛发护理器具 性能测试方法

(English Translation)

Issued on: September 29, 2024

Implemented on: April 1, 2025

**Issued by: State Administration for Market Regulation, China National
Standardization Administration**

Table of Contents

Preface
1 Scope
2 Normative references
3 Terms and Definitions
4 List of measurement and test items
5 Test methods
6 Airborne noise
7 Features
8 User Manual
Appendix A (Informative) Additional Information
References

Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting is required.

This document replaces GB/T 23106-2008 "Performance test methods for hair care appliances for household and similar purposes" and is consistent with GB/T 23106-Compared with 2008, in addition to structural adjustments and editorial changes, the main technical changes are as follows.

--Added test methods for air volume, negative ion concentration of negative ion hair dryers, tension of hair straighteners, and service life test (see 5.5, 5.7, 5.8 and 5.10);

--Changed the test methods for heating time, temperature, drying rate, drop test, etc. (see 5.3, 5.4, 5.6 and 5.9, 2008 edition) 6.4, 6.5, 6.7 and 6.9).

This document is equivalent to IEC 61855:2022 "Performance test methods for hair care appliances for household and similar purposes".

The following minimal editorial changes were made to this document.

-- Incorporate the relevant contents of the determination of drying rate in the technical corrigendum of IEC 61855:2022/COR1.2024;

--Adjusted the structure of 5.5, added article titles and formula numbers;

--In order to facilitate the understanding and use of the standard, the notes that do not conform to my country's national conditions have been deleted, and some notes have been added or changed;

--Deleted the informative Appendix B "Supplier Address".

1 Scope

This document applies to hair drying and shaping appliances (including their accessories) for household and similar purposes.

This document identifies the principal performance characteristics of interest to users and describes the test methods for these characteristics.

Note 1: The devices applicable to this document are.

- Hair dryer;

--Hair curlers;

--Hair straightener.

This document does not specify performance requirements.

This document does not address safety requirements (IEC 60335-2-23).

This document does not apply to electric hair clippers and trimmers.

NOTE 2 For standards on performance test methods for electric hair clippers and trimmers, see IEC 62863.

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document.

For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to this document.

ISO 2267:1986 Evaluation of certain effects of surfactants on cleaning - Preparation and use of clean reference cotton cloths (Surface active agents-Evaluation of certain effects of laundering-Methods of preparation and use of un-soiled cotton control cloth) IEC 60704-2-9 Noise test methods for household and similar electrical appliances Part 2-9.Particular requirements for hair care appliances Find (Household and similar electrical appliances-Test code for the determination of airborne acoustical noise-Part 2-9: Particular requirements for electrical hair care appliances) Note. GB/T 4214.6-2008 Household and similar electrical appliances - Test methods for noise - Particular requirements for hair care appliances (IEC 60704-2-9.:2003, IDT

3 Terms and definitions

The following terms and definitions apply to this document.

The websites where ISO and IEC maintain terminology databases for standardization are.

hair dryer

An appliance that uses electrical energy to convert into hot or cold air to dry hair.