ICS 97.170 SLOVENSKÁ TECHNICKÁ NORMA December 2022

STN	**Elektrické spotrebiče na ošetrovanie vlasov pre domácnosť a na podobné účely Metódy merania prevádzkovej spôsobilosti**	**STN EN IEC 61855** 36 1060

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

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 11/22

Obsahuje: EN IEC 61855:2022, IEC 61855:2022

Oznámením tejto normy sa od 16.09.2025 ruší
STN EN 61855 (36 1060) zo septembra 2003

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 61855

September 2022

ICS 97.170

Supersedes EN 61855:2003

English Version

Household and similar use electrical hair care appliances - Methods for measuring the performance (IEC 61855:2022)

Appareils électriques destinés aux soins des cheveux pour usages domestiques et analogues - Méthodes de mesure de l'aptitude á la fonction (IEC 61855:2022)

Elektrische Haarpflegegeräte für den Hausgebrauch und ähnliche Zwecke - Verfahren zur Messung der Gebrauchseigenschaften (IEC 61855:2022)

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 61855:2022 (E)

European foreword

The text of document 59L/215/FDIS, future edition 2 of IEC 61855, prepared by SC 59L "Small household appliances" of IEC/TC 59 "Performance of household and similar electrical appliances" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61855:2022.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2023-06-16
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2025-09-16

This document supersedes EN 61855:2003 and all of its amendments and corrigenda (if any).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

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Endorsement notice

The text of the International Standard IEC 61855:2022 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60335-2-23 NOTE Harmonized as EN 60335-2-23

IEC 61254 NOTE Harmonized as EN 61254

IEC 62863 NOTE Harmonized as EN 62863

Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

Publication	Year	Title	EN/HD	Year
IEC 60704-2-9	-	Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-9: Particular requirements for electric hair care appliances	EN 60704-2-9	-
ISO 2267	1986	Surface active agents - Evaluation of certain effects of laundering - Methods of preparation and use of unsoiled cotton control cloth	-	-

IEC 61855

Edition 2.0 2022-08

INTERNATIONAL STANDARD

NORME INTERNATIONALE

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Appareils électriques destinés aux soins des cheveux pour usages domestiques et analogues – Méthodes de mesure de l'aptitude à la fonction

IEC 61855:2022-08(en-fr)

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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HOUSEHOLD AND SIMILAR USE ELECTRICAL HAIR CARE APPLIANCES – METHODS FOR MEASURING THE PERFORMANCE

FOREWORD

1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as “IEC Publication(s)”). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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IEC 61855 has been prepared by subcommittee 59L: Small household appliances, of IEC technical committee 59: Performance of household and similar electrical appliances. It is an International Standard.

This second edition cancels and replaces the first edition published in 2003. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

a) the definitions of hair dryers, hair curlers and hair straighteners are updated;
b) the measurement of temperature profile of the outlet air of hair dryers is added;
c) the measurement of temperature profile of the whole work area of hair curlers is added;
d) the measurement of temperature profile of the heating plate of hair straighteners is added;
e) the measurement method for air flow of hair dryers is introduced;
f) the measurement method for anion emission concentration of anion hair dryers is introduced;

g) the measurement method for tension of hair straighteners is introduced;

h) the service life test for hair dryers, hair curlers and hair straighteners is introduced.

The text of this International Standard is based on the following documents:

Draft	Report on voting
59L/215/FDIS	59L/218/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications.

In this document, the following print types are used:

- terms defined in Clause 3: **bold type.**

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

IMPORTANT – The "colour inside" logo on the cover page of this document indicates that it contains colours which are considered to be useful for the correct understanding of its contents. Users should therefore print this document using a colour printer.

HOUSEHOLD AND SIMILAR USE ELECTRICAL HAIR CARE APPLIANCES – METHODS FOR MEASURING THE PERFORMANCE

1 Scope

This document applies to electrical appliances for household and similar use for drying and styling hair (including their accessories).

This document defines the main performance characteristics that are of interest to the user and specifies methods of measuring these characteristics.

NOTE 1 Appliances to which this document applies include:

– **Hair dryers**;
– **Hair curlers**;
– **Hair straighteners**.

This document does not specify the requirements for performance.

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

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

NOTE 2 See IEC 62863 for the method of measuring the performance of electric hair clippers or trimmers for household use.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 60704-2-9, *Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-9: Particular requirements for electrical hair care appliances*

ISO 2267:1986, *Surface active agents – Evaluation of certain effects of laundering – Methods of preparation and use of unsoiled cotton control cloth*