

<b>STN</b>	<b>Elektrické prietokové ohrievače vody pre domácnosť</b> <b>Metódy merania funkčných vlastností</b> <b>Časť 2-2: Účinnosť elektrických prietokových ohrievačov na okamžitý ohrev vody</b>	<b>STN</b> <b>EN IEC 63159-2-2</b>  36 1059
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Household electric instantaneous water heaters - Methods for measuring the performance - Part 2-2: Efficiency of single point of use electric instantaneous water heaters

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. 01/22

Obsahuje: EN IEC 63159-2-2:2021, IEC 63159-2-2:2021

**134368**



EUROPEAN STANDARD

**EN IEC 63159-2-2**

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2021

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English Version

Household electric instantaneous water heaters - Methods for  
measuring the performance - Part 2-2: Efficiency of single point  
of use electric instantaneous water heaters  
(IEC 63159-2-2:2021)

Chauffe-eau instantanés électrodomestiques - Méthodes de  
mesure de l'aptitude à la fonction - Partie 2-2: Rendement  
des chauffe-eau instantanés électriques à un seul point  
d'utilisation  
(IEC 63159-2-2:2021)

Elektro-Durchfluss-Wassererwärmer für den Hausgebrauch  
- Prüfverfahren zur Messung der Gebrauchseigenschaften -  
Teil 2-2: Effizienz von Durchfluss-Wassererwärmern für  
eine einzelne Zapfstelle  
(IEC 63159-2-2:2021)

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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 63159-2-2:2021 (E)****European foreword**

The text of document 59C/269/FDIS, future edition 1 of IEC 63159-2-2, prepared by SC 59C “Electrical heating appliances for household and similar purposes” 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 63159-2-2:2021.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2022-08-25 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2024-11-25 document have to be withdrawn

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**Endorsement notice**

The text of the International Standard IEC 63159-2-2:2021 was approved by CENELEC as a European Standard without any modification.

## 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](http://www.cenelec.eu).

The Annex ZA of EN IEC 63159-1:2021 applies with the following changes:

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
<i>Add the following reference:</i>				
IEC 63159-1	2021	Household electric instantaneous water heaters - Methods for measuring the performance - Part 1: General aspects	EN IEC 63159-1	2021



IEC 63159-2-2

Edition 1.0 2021-10

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Household electric instantaneous water heaters – Methods for measuring the performance –  
Part 2-2: Efficiency of single point of use electric instantaneous water heaters**

**Chauffe-eau instantanés électrodomestiques – Méthodes de mesure de  
l'aptitude à la fonction –  
Partie 2-2: Rendement des chauffe-eau instantanés électriques à un seul point  
d'utilisation**



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Edition 1.0 2021-10

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

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**Household electric instantaneous water heaters – Methods for measuring the performance –  
Part 2-2: Efficiency of single point of use electric instantaneous water heaters**

**Chauffe-eau instantanés électrodomestiques – Méthodes de mesure de l'aptitude à la fonction –  
Partie 2-2: Rendement des chauffe-eau instantanés électriques à un seul point d'utilisation**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**HOUSEHOLD ELECTRIC INSTANTANEOUS WATER HEATERS –  
METHODS FOR MEASURING THE PERFORMANCE –****Part 2-2: Efficiency of single point of use electric  
instantaneous water heaters**

## FOREWORD

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International Standard IEC 63159-2-2 has been prepared by subcommittee 59C: Electrical heating appliances for household and similar purposes, of IEC technical committee 59: Performance of household and similar electrical appliances.

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

Draft	Report on voting
59C/269/FDIS	59C/273/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](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/standardsdev/publications](http://www.iec.ch/standardsdev/publications).

This International Standard is to be used in conjunction with IEC 63159-1:2021.

This standard supplements or modifies the corresponding clauses in IEC 63159-1. When a particular subclause of IEC 63159-1 is not mentioned in this standard, that subclause is applicable as far as reasonable. Where this standard states "addition", "modification" or "replacement", the relevant requirements, test specifications or explanatory matter in IEC 63159-1 should be adapted accordingly.

Subclauses or figures that are additional to those in IEC 63159-1 are numbered starting from 101. Additional annexes are lettered AA, BB, etc.

A list of all the parts in the IEC 63159 series, published under the general title *Household electric instantaneous water heaters – Methods for measuring the performance*, can be found on the IEC website.

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](http://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
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## HOUSEHOLD ELECTRIC INSTANTANEOUS WATER HEATERS – METHODS FOR MEASURING THE PERFORMANCE –

### Part 2-2: Efficiency of single point of use electric instantaneous water heaters

#### 1 Scope

This clause of IEC 63159-1:2021 is applicable except as follows.

*Addition:*

This document applies to open outlet, single point-of-use, electric instantaneous water heaters intended for household or similar use, for showering purposes without downstream mixing.

This document only specifies tests for the assessment of energy efficiency.

This document does not apply to electrical instantaneous water heaters covered by other parts of this series of standards.

#### 2 Normative references

This clause of IEC 63159-1:2021 is applicable with the following exception:

*Addition:*

IEC 63159-1:2021, *Household electric instantaneous water heaters – Methods for measuring the performance – Part 1: General aspects*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**