

# SLOVENSKI STANDARD SIST EN 60335-2-66:1997

01-junij-1997

Varnost gospodinjskih in podobnih električnih aparatov - 2-66. del: Posebne zahteve za grelnike vodnih postelj (IEC 60335-2-66:1993)

Safety of household and similar electrical appliances -- Part 2-66: Particular requirements for water-bed heaters

Sicherheit elektrischer Geräte für den Hausgebrauch und ähnliche Zwecke -- Teil 2-66: Besondere Anforderungen für Wasserbett-Beheizungen FVIII-

Sécurité des appareils électrodomestiques et analogues -- Partie 2-66: Règles particulières pour les dispositifs de chauffage pour matelas à eau

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Ta slovenski standard je istoveten z: EN 60335-2-66-1997

ICS:

Varnost na domu
 Domestic safety
 Električni aparati za dom na splošno
 Domestic electrical appliances in general

SIST EN 60335-2-66:1997 en

SIST EN 60335-2-66:1997

# iTeh STANDARD PREVIEW (standards.iteh.ai)

<u>SIST EN 60335-2-66:1997</u> https://standards.iteh.ai/catalog/standards/sist/2a7e2b8e-20be-4a43-bf4b-c424c04d85b7/sist-en-60335-2-66-1997

# EUROPEAN STANDARD NORME EUROPÉENNE **EUROPÄISCHE NORM**

EN 60335-2-66

September 1995

ICS 97,100

Household electrical appliances, heating systems, matresses, water, safety requirements, protection against electric shock, protection against mechanical hazard, fire protection

**English version** 

# Safety of household and similar electrical appliances Part 2: Particular requirements for water-bed heaters (IEC 335-2-66:1993)

Sécurité des appareils électrodomestiques et analogues Partie 2: Règles particulières pour les dispositifs de chauffage pour matelas

Sicherheit elektrischer Geräte für den Hausgebrauch und ähnliche Zwecke Teil 2: Besondere Anforderungen für Wasserbett-Beheizungen iTeh STANDARD PREC 335-2-66:1993)

(CEI 335-2-66:1993)

à eau

(standards.iteh.ai)

SIST EN 60335-2-66:1997 https://standards.iteh.ai/catalog/standards/sist/2a7e2b8e-20be-4a43-bf4bc424c04d85b7/sist-en-60335-2-66-1997

This European Standard was approved by CENELEC on 1995-07-04. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

# **CENELEC**

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

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#### Foreword

The proposal to endorse IEC 335-2-66:1993, document CLC/TC 61 (SEC) 919, was circulated under the enquiry procedure in September 1993. This proposal was discussed during the Oslo meeting in April 1994, when it was decided to submit a draft for EN 60335-2-66 to the formal vote.

This draft was circulated in January 1995 and was ratified by CENELEC as EN 60335-2-66 on 1995-07-04.

This European Standard has been prepared by the secretariat of CENELEC Technical Committee TC 61.

The following dates are applicable:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 1996-04-01
- date on which national standards
   conflicting with the EN have to be withdrawn (dow) 1998-04-01

For products which have complied with the relevant national standard before 1998-04-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 2003-04-01.

This standard has to be used in conjunction with EN 60335-1, Safety of household and similar electrical appliances, Part 1: General requirements, it was established on the basis of the 1994 edition of that standard. Amendments and revisions of part 1 have also to be taken into account and the dates when such changes become applicable will be stated in the relevant amendment or revision of part 1.

This part 2 supplements or modifies the corresponding clauses of EN 60335-1, so as to convert it into the European Standard: Safety requirements for water-bed heaters.

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Where a particular subclause of part 1 is not mentioned in this part 2, that subclause applies as far as is reasonable. Where this standard states "addition", "modification" or "replacement", the relevant text of part 1 is to be adapted accordingly.

Subclauses which are additional to those in part 1 are numbered starting with 101.

There are no special national conditions causing a deviation from this European Standard, other than those listed in annex ZA to EN 60335-1.

There are no national deviations from this European Standard, other than those listed in annex ZB to EN 60335-1.

NOTE - The following print types are used:

- requirements: in roman type;
- test specifications: in italic type;
- notes: in small roman type.

Words in **bold** in the text are defined in clause 2. When a definition of part 1 concerns an adjective, the adjective and the associated noun are also in bold.

p NOTE - In this document p is used in the margin to indicate instructions for preparing the printed version.

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## **Endorsement notice**

The text of the International Standard IEC 335-2-66:1993 was approved by CENELEC as a European Standard without any modification.

**Annexes** 

Annex A - Normative references

p Replace by:

# ANNEX A

(normative)

# Normative references international publications with their relevant European publication

Addition:

ISO standard	Year ITe	Title TANDARD PREVIEW	EN/HD	<u>Year</u>
2439	1980	Polymeric materials, cellular flexible Determination of hardness (identation technique)		

<u>SIST EN 60335-2-66:1997</u> https://standards.iteh.ai/catalog/standards/sist/2a/e2b8e-20be-4a43-bf4b-c424c04d85b7/sist-en-60335-2-66-1997 SIST EN 60335-2-66:1997

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# NORME INTERNATIONALE INTERNATIONAL STANDARD

CEI IEC 335-2-66

> Première édition First edition 1993-06

# Sécurité des appareils électrodomestiques et analogues

# Partie 2:

iTeh Règles particulières pour les dispositifs de chauffage pour matelas à eau (standards.iteh.ai)

https://standardSafety.of.ahousehold\_and\_similar electrical appliancesen-60335-2-66-1997

# Part 2:

Particular requirements for water-bed heaters

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Commission Electrotechnique Internationale International Electrotechnical Commission Международная Электротехническая Комиссия

CODE PRIX
PRICE CODE

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Pour prix, voir catalogue en vigueur For price, see current catalogue

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

# SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES

# Part 2: Particular requirements for water-bed heaters

### **FOREWORD**

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international cooperation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. 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. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of the IEC on technical matters, prepared by technical committees on which all the National Committees having a special interest therein are represented, express, as nearly as possible, an international consensus of opinion on the subjects dealt with.
- 3) They have the form of recommendations for international use published in the form of standards, technical reports or guides and they are accepted by the National Committees in that sense.
- 4) In order to promote international unification, IEC National Committees undertake to apply IEC International Standards transparently to the maximum extent possible in their national and regional standards. Any divergence between the IEC Standard and the corresponding national or regional standard shall be clearly indicated in the latter standards, itch ai/catalog/standards/sist/2a7e2b8e-20be-4a43-bf4b-
- 5) The IEC provides no marking procedure to indicate its approval and cannot be rendered responsible for any equipment declared to be in conformity with one of its standards.

This part of International Standard IEC 335 has been prepared by IEC technical committee No. 61: Safety of household and similar electrical appliances.

The text of this standard is based on the following documents:

DIS	Report on voting
61(CO)760	61(CO)772

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

This part 2 is to be used in conjunction with the latest edition of IEC 335-1 and its amendments. It was established on the basis of the third edition (1991) of that standard.

This part 2 supplements or modifies the corresponding clauses in IEC 335-1, so as to convert it into the IEC standard: Safety requirements for electric water-bed heaters.

Where a particular subclause of part 1 is not mentioned in this part 2, that subclause applies as far as is reasonable. Where this standard states "addition", "modification" or "replacement", the relevant text in part 1 should be adapted accordingly.

#### **NOTES**

- 1 The following print types are used:
  - requirements: in roman type;
  - test specifications: in italic type
  - notes: in small roman type.

Words in **bold** in the text are defined in clause 2.

2 Subclauses and figures which are additional to those in part 1 are numbered starting from 101.

# The following differences exist in some countries:

- Clause 3: The d.c. component in the appliance neutral is limited (Australia).
- 6.1: Class i appliances are not allowed (China, Czechoslovakia, Norway and Yugoslavia).
- 7.12.1: The surface configuration of the mattress is to be stated (USA).
- 11.8: The temperature rise is not to exceed 65 K (USA).
- 11.101: The test is not conducted (USA).
- iTeh STANDARD PREVIEW
   21.101: Different tests are used to evaluate mechanical strength (USA).
- 24.101: Self-resetting thermal cut-outs are allowed (USA).

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## SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES

# Part 2: Particular requirements for water-bed heaters

### 1 Scope

This clause of part 1 is replaced by:

This standard deals with the safety of electric water-bed heaters and their associated control units, for household and similar purposes, their rated voltage being not more than 250 V.

Appliances not intended for normal household use, but which nevertheless may be a source of danger to the public, such as appliances intended to be used in hotels, are within the scope of this standard.

So far as is practicable, this standard deals with the common hazards presented by appliances which are encountered by all persons in and around the home.

This standard does not in general take into account

- the use of appliances by young children or infirm persons without supervision;
   (standards.iteh.ai)
- playing with the appliance by young children.

NOTES

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- https://standards.iteh.ai/catalog/standards/sist/2a7e2b8e-20be-4a43-bf4b-Attention is drawn to the fact that 5b7/sist-en-60335-2-66-1997
- for appliances intended to be used in vehicles or on board ships or in aircraft, additional requirements may be necessary;
  - for appliances intended to be used in tropical countries, special requirements may be necessary;
  - in many countries additional requirements are specified by the national health authorities, the national authorities responsible for the protection of labour, the national water supply authorities and similar authorities.
- 2 This standard does not apply to appliances:
  - for medical purposes (IEC 601);
  - intended for immersion in water during use.

### 2 Definitions

This clause of part 1 is applicable except as follows:

### 2.2.9 Replacement:

**normal operation**: The heater and its control unit are installed with a water mattress in accordance with the instructions for use.