

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Household electric blankets – methods for measuring performance

Couvertures chauffantes électriques à usage domestique – méthodes de mesure des performances



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**HOUSEHOLD ELECTRIC BLANKETS –
METHODS FOR MEASURING PERFORMANCE****FOREWORD**

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International Standard IEC 60299 has been prepared by sub-committee 59C: Heating appliances, of IEC technical committee 59: Performance of household electrical appliances.

This third edition cancels and replaces the second edition published in 1994. This edition constitutes a technical revision.

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

- a) extended classification;
- b) extended list of measurements;
- c) temperature measurement means changed to thermocouples.

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

FDIS	Report on voting
59C/181/FDIS	59C/184/RVD

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

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

In this standard, the following print types are used:

- *test specifications: in italic type*
- notes: in small roman type
- other text: in roman type
- terms defined in Clause 3: in **bold** type.

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- withdrawn,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

HOUSEHOLD ELECTRIC BLANKETS – METHODS FOR MEASURING PERFORMANCE

1 Scope

This International Standard applies to electric **blankets**, **wraps** and **duvets** for household use.

This International Standard defines the main performance characteristics of electric **blankets**, **wraps** and **duvets** and specifies methods for measuring these characteristics, for the information of users.

This International Standard does not specify values for performance characteristics.

NOTE This standard does not deal with safety requirements that are covered by IEC 60335-2-17.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 60335-2-17:2012 *Household and similar electrical appliances – Safety – Part 2-17: Particular requirements for blankets, pads, clothing and similar flexible heating appliances*

IEC 62301:2011, *Household electrical appliances – Measurement of standby power*

ISO 2439, *Polymeric materials, cellular flexible – Determination of linear dimensions*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

blanket

appliance comprising a substantially flat **flexible part** that is intended to form part of the bedding, for heating the bed

3.2

flexible part

all layers of material forming the permanent enclosure of the appliance together with the heating element, thermostats and all other current-carrying parts contained within it.

Note 1 to entry: The **flexible part** may be inside a detachable cover.

3.3

underblanket

blanket to be used under the occupant of the bed

3.4

overblanket

blanket to be used over the occupant of the bed