



# SLOVENSKI STANDARD

## SIST EN 62087-6:2015

01-december-2015

Nadomešča:  
SIST EN 62087:2012

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**Avdio, video in pripadajoča oprema - Ugotavljanje porabe energije - 6. del: Avdio oprema (IEC 62087-6:2015)**

Audio, video, and related equipment - Determination of power consumption -- Part 6 Audio Equipment (IEC 62087-6:2015)

Messverfahren für die Leistungsaufnahme von Audio-, Video- und verwandten Geräten - Teil 6: Audiogeräte (IEC 62087-6:2015)

Matériels audio, vidéo et matériel connexe - Détermination de la consommation de puissance - Partie 6: Matériel audio (IEC 62087-6:2015)

**Ta slovenski standard je istoveten z: EN 62087-6:2015**

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**ICS:**

17.220.20	Merjenje električnih in magnetnih veličin	Measurement of electrical and magnetic quantities
33.160.30	Avdio sistemi	Audio systems

**SIST EN 62087-6:2015** en,fr,de

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EUROPEAN STANDARD

**EN 62087-6**

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2015

ICS 33.160.10

Supersedes EN 62087:2012 (partially)

English Version

**Audio, video and related equipment - Determination of power consumption - Part 6: Audio equipment  
(IEC 62087-6:2015)**

Matériels audio, vidéo et matériel connexe - Détermination de la consommation de puissance - Partie 6 : Matériel audio  
(IEC 62087-6:2015)

Messverfahren für die Leistungsaufnahme von Audio-, Video- und verwandten Geräten - Teil 6: Audiogeräte  
(IEC 62087-6:2015)

This European Standard was approved by CENELEC on 2015-07-10. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

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

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

**EN 62087-6:2015****European foreword**

The text of document 100/2471/FDIS, future edition 1 of IEC 62087-6, prepared by Technical Area 12 "AV energy efficiency and smart grid applications" of IEC/TC 100 "Audio, video and multimedia systems and equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62087-6:2015.

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) 2016-04-10
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2018-07-10

This document supersedes EN 62087:2012 (partially).

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

**Endorsement notice**

The text of the International Standard IEC 62087-6:2015 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:

SIST EN 62087-6:2015		
IEC 60065:2014	NOTE	Harmonized as EN 60065:2014 (modified).
IEC 60268-1:1985+A1:1988	NOTE	Harmonized as HD 483.1 S2:1989 (not modified).
IEC 60268-2:1987+A1:1991	NOTE	Harmonized as HD 483.2 S2:1993 (not modified).
IEC 60268-3:2013	NOTE	Harmonized as EN 60268-3:2013 (not modified).
IEC 60958-1:2008	NOTE	Harmonized as EN 60958-1:2008 (not modified).
IEC 60958-1:2008/A1:2014	NOTE	Harmonized as EN 60958-1:2008/A1:2014 (not modified).
IEC 61672 Series	NOTE	Harmonized as EN 61672 Series.
IEC 61938:2013	NOTE	Harmonized as EN 61938:2013 (not modified).
IEC 62087 Series	NOTE	Harmonized as EN 62087 Series.
IEC 62301:2011	NOTE	Harmonized as EN 50564:2011 (modified).
IEC 62368-1:2014	NOTE	Harmonized as EN 62368-1:2014 (modified).
IEC 62542:2013	NOTE	Harmonized as EN 62542:2013 (modified).

## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

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.

NOTE 1 When 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)

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60268-5	2003	Sound system equipment - Part 5: Loudspeakers	EN 60268-5	2003
+A1	2007		+A1	2009
IEC 62087-1	2015	Audio, video, and related equipment - Determination of power consumption - Part 1: General	EN 62087-1 <sup>1)</sup>	-
IEC 62087-2	2015	Audio, video, and related equipment - Determination of power consumption - Part 2: Signals and media	EN 62087-2 <sup>2)</sup>	-
IEC 62301 (mod)	2011	Household electrical appliances - Measurement of standby power	EN 50564	2011

<sup>1)</sup> At draft stage.

<sup>2)</sup> To be published.

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IEC 62087-6

Edition 1.0 2015-06

# INTERNATIONAL STANDARD



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**Audio, video and related equipment – Determination of power consumption –  
Part 6: Audio equipment** **(standards.iteh.ai)**

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INTERNATIONAL  
ELECTROTECHNICAL  
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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**AUDIO, VIDEO AND RELATED EQUIPMENT –  
DETERMINATION OF POWER CONSUMPTION –****Part 6: Audio equipment**

## FOREWORD

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International Standard IEC 62087-6 has been prepared by technical area 12: AV energy efficiency and smart grid applications, of IEC technical committee 100: Audio, video and multimedia systems and equipment.

This first edition of IEC 62087-6 cancels and replaces Clause 9 of IEC 62087:2011. This standard together with IEC 62087-1 to IEC 62087-5 cancels and replaces IEC 62087:2011. This International Standard constitutes a technical revision.

This edition includes the following significant technical changes with respect to Clause 9 of IEC 62087:2011.

- The definition of the input signal is changed.
- The output power measurement of amplifiers is changed.
- The measurement method for compact audio systems including loudspeakers is added.

- Methods for measuring On-decoding, idle and auto power down functions are added.
- Portions of the document related to general measuring conditions and procedures are now contained in IEC 62087-1:2015.
- Portions of the document related to signals and media are now in IEC 62087-2:2015.
- The titles have changed in order to comply with the current directives and to accommodate the new multipart structure of IEC 62087.

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

FDIS	Report on voting
100/2471/FDIS	100/2501/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.

A list of all parts in the IEC 62087 series, published under the general title *Audio, video, and related equipment – Determination of power consumption*, can be found on the IEC website.

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

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

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

A bilingual version of this publication may be issued at a later date.