SLOVENSKI STANDARD
SIST EN 62087-5:2016

01-julij-2016

Nadomešča:

SIST EN 62087:2012

Avdio, video in pripadajoča oprema - Ugotavljanje porabe energije - 5. del: Vhodni prilagoditveni procesor (IEC 62087-5:2015)

Audio, video, and related equipment - Determination of power consumption - Part 5: Set-top-boxes (STB) (IEC 62087-5:2015)

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Messverfahren für die Leistungsaufnahme von Audio-, Video- und verwandten Geräten - Teil 5: Set-Top-Boxen (IEC 62087-5:2015)

Appareils audio, vidéo et matériel connexe - Détermination de la consommation de puissance - Partie 5: Boîtiers décodeurs (IEC 62087-5:2015)

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Ta slovenski standard je istoveten z: EN 62087-5:2016

ICS:

17.220.20	Merjenje električnih in magnetnih veličin	Measurement of electrical and magnetic quantities
33.160.01	Avdio, video in avdiovizualni sistemi na splošno	Audio, video and audiovisual systems in general

SIST EN 62087-5:2016 en,fr,de

2003-01.Slovenski inštitut za standardizacijo. Razmnoževanje celote ali delov tega standarda ni dovoljeno.

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SIST EN 62087-5:2016

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 62087-5

February 2016

ICS 33.160.10

Supersedes EN 62087:2012 (partially)

English Version

Audio, video and related equipment - Determination of power consumption - Part 5: Set top boxes (STB) (IEC 62087-5:2015)

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Messverfahren für die Leistungsaufnahme von Audio-, Video- und verwandten Geräten - Teil 5: Set-Top-Boxen
(IEC 62087-5:2015)

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.

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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

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Ref. No. EN 62087-5:2016 E

SIST EN 62087-5:2016

European foreword

The text of document 100/2470/FDIS, future edition 1 of IEC 62087-5, 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 62087-5:2016.

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)	2016-08-19
• latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2019-02-19

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.

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The text of the International Standard IEC 62087-5:2015 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 62087-5:2016
https://standards.iteh.ai/catalog/standards/sist/9171a029-6240-4101-b395-8a6eb621ae2a/sist-en-62087-5-2016

IEC 61938:2013	NOTE	Harmonized as EN 61938:2013 (not modified).
IEC 62087 Series	NOTE	Harmonized as EN 62087 Series.
IEC 62087-2:2015	NOTE	Harmonized as EN 62087-2:2015 (not modified).
IEC 62542:2013	NOTE	Harmonized as EN 62542:2013 (not modified).

SIST EN 62087-5:2016

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

Publication	Year	Title	EN/HD	Year
IEC 60107-1	1997	Methods of measurement on receivers for television broadcast transmissions - Part 1: General considerations - Measurements at radio and video frequencies	EN 60107-1	1997
IEC 62087-1	2015	Audio, video, and related equipment - Determination of power consumption - Part 1: General	EN 62087-1	2016
IEC 62216	2009	Digital terrestrial television receivers for the DVB-T system	EN 62216	2011

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INTERNATIONAL STANDARD

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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AUDIO, VIDEO AND RELATED EQUIPMENT – DETERMINATION OF POWER CONSUMPTION –

Part 5: Set top boxes (STB)

FOREWORD

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International Standard IEC 62087-5 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 62087-5 cancels and replaces Clause 8 of IEC 62087:2011. This standard together with IEC 62087-1 to IEC 62087-4 and IEC 62087-6 cancels and replaces IEC 62087:2011. This International Standard constitutes a technical revision.

This edition does not include any significant technical changes with respect to Clause 8 of IEC 62087:2011. It was developed as a member of the new multipart series of IEC 62087 standards.

SIST EN 62087-5:2016

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

FDIS	Report on voting
100/2470/FDIS	100/2500/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.

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INTRODUCTION

This part of IEC 62087 specifies methods for measurement of the power consumption of set top boxes for consumer use.

IEC 62087:2011[1] (third edition) revises methods for measuring power consumption of set top boxes in the On mode and Partial On modes. These modes correspond to the active modes which are defined in IEC 62542:2013.

This standard has been divided into multiple parts. At the time of publication of this part, the following parts are planned or published:

– Part 1: General
– Part 2: Signals and media
– Part 3: Television sets
– Part 4: Video recording equipment
– Part 5: Set top boxes (STB)
– Part 6: Audio equipment

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1 IEC 62087:2011, *Methods of measurement for the power consumption of audio, video and related equipment*