

Audio, video, and related equipment - Methods of measurement for power consumption Part 7: Computer monitors

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN IEC 62087-7:2019 sisaldab Euroopa standardi EN IEC 62087-7:2019 ingliskeelset teksti.	This Estonian standard EVS-EN IEC 62087-7:2019 consists of the English text of the European standard EN IEC 62087-7:2019.
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English Version

**Audio, video, and related equipment - Methods of measurement
for power consumption Part 7: Computer monitors
(IEC 62087-7:2018)**

Appareils audio, vidéo et matériel connexe – Méthodes de
mesure de la consommation d'énergie - Partie 7 : Écrans
d'ordinateur
(IEC 62087-7:2018)

Audio-, Video- und verwandte Geräte - Messverfahren für
die Leistungsaufnahme - Teil 7: Rechnerbildschirmgeräte
(IEC 62087-7:2018)

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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: Rue de la Science 23, B-1040 Brussels

European foreword

The text of document 100/2916/CDV, future edition 1 of IEC 62087-7, prepared by IEC/TC 100 "Audio, video and multimedia systems and equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62087-7:2019.

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) 2019-10-10
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2021-01-10

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Endorsement notice

The text of the International Standard IEC 62087-7:2018 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:

IEC 62087-3:2015	NOTE	Harmonized as EN 62087-3:2016 (not modified)
IEC 62542:2013	NOTE	Harmonized as EN 62542:2013 (not modified)

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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 62087-1	-	Audio, video, and related equipment - Determination of power consumption - Part 1: General	EN 62087-1	2016
IEC 62087-2	-	Audio, video, and related equipment - Determination of power consumption - Part 2: Signals and media	EN 62087-2	2016
IEC 62301, mod	-	Household electrical appliances - Measurement of standby power	EN 50564	2011

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

AUDIO, VIDEO, AND RELATED EQUIPMENT – METHODS OF MEASUREMENT FOR POWER CONSUMPTION

Part 7: Computer monitors

FOREWORD

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International Standard IEC 62087-7 has been prepared by technical area 12: AV Energy 14 efficiency and smart grid applications of IEC technical committee 100: Audio, video and multimedia systems and equipment.

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

CDV	Report on voting
100/2916/CDV	100/2988/RVC

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

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

A list of all parts in the IEC 62087 series, published under the general title *Audio, video and related equipment*, 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 "<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
- amended.

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

INTRODUCTION

This part of IEC 62087 specifies methods of measurement for the power consumption of computer monitors for use with computers. The test method includes power measurement using static patterns and both the broadcast and web-based dynamic test loops.

The test method also includes testing with the automatic brightness control (ABC) function where it is incorporated into a computer monitor.

The test method has also been made consistent with the test method for televisions in IEC 62087-3.