
Električna in elektronska gospodinjska in pisarniška oprema - Merjenje porabe električne energije v stanju omrežne pripravljenosti na robu omrežja

Electrical and electronic household and office equipment - Measurement of networked standby power of edge equipment

Elektrische und elektronische Haushalts- und Bürogeräte – Messung der Leistungsaufnahme im vernetzten Bereitschaftsbetrieb von Geräten am Netzwerkrand

Appareils électriques et électroniques pour application domestique et équipement de bureau - Mesurage d'énergie en veille avec maintien de la connexion au réseau des équipements de périphérie

Ta slovenski standard je istoveten z: EN IEC 63474:2026

ICS:

17.220.20	Merjenje električnih in magnetnih veličin	Measurement of electrical and magnetic quantities
33.160.01	Audio, video in avdiovizualni sistemi na splošno	Audio, video and audiovisual systems in general
35.020	Informacijska tehnika in tehnologija na splošno	Information technology (IT) in general
97.030	Električni aparati za dom na splošno	Domestic electrical appliances in general

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EUROPEAN STANDARD
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EUROPÄISCHE NORM

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July 2026

ICS 35.020

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**Electrical and electronic household and office equipment -
Measurement of networked standby power of edge equipment
(IEC 63474:2026)**

Appareils électriques et électroniques pour application
domestique et équipement de bureau - Mesurage d'énergie
en veille avec maintien de la connexion au réseau des
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Messung der Leistungsaufnahme im vernetzten
Bereitschaftsbetrieb von Geräten am Netzwerkrand
(IEC 63474:2026)

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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

EN IEC 63474:2026 (E)**European foreword**

The text of document 100/4461/FDIS, future edition 2 of IEC 63474, prepared by TC 100 "Audio, video and multimedia systems and equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 63474:2026.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2027-07-31 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2029-07-31 document have to be withdrawn

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In the official version, for Bibliography, the following notes have to be added for the standard indicated:

IEC 62301	NOTE	Approved as EN 50564
IEC 63474:2023	NOTE	Approved as EN IEC 63474:2023 (not modified)
IEC 63103	NOTE	Approved as EN IEC 63103
IEC 62301:2026	NOTE	Approved as EN IEC 62301:2026 (not modified)
IEC 60268-23:2023	NOTE	Approved as EN IEC 60268-23:2023 (not modified)
IEC 62680 series	NOTE	Approved as EN IEC 62680 series

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.cencenelec.eu.

Publication	Year	Title	EN/HD	Year
IEC 62104	-	Characteristics of DAB receivers	-	-
IEC 62301	-	Measurement of standby power for appliances and equipment	EN IEC 62301	-

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

Electrical and electronic household and office equipment – Measurement of networked standby power of edge equipment

FOREWORD

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IEC 63474 has been prepared by IEC technical committee 100: Audio, video and multimedia systems and equipment and IEC technical committee 59: Performance of household and similar electrical appliances. It is an International Standard.

It has the status of a group energy efficiency publication in accordance with IEC Guide 118.

This second edition cancels and replaces the first edition published in 2023. This edition constitutes a technical revision.

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

- a) the scope and the measurement method were extended to battery operated products;
- b) terms and definitions, and measurement conditions have been updated and aligned for both IEC 62301 (ED3) and this document, IEC 63474 (ED2).

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

Draft	Report on voting
100/4461/FDIS	100/4481/RVD

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

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications.

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

- reconfirmed,
- withdrawn, or
- revised.

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INTRODUCTION

The methods specified in this document are intended to define requirements for the measurement of power used by equipment having one or more wired or wireless **network port(s)** in those modes that are able to resume a **function** by way of a remotely initiated trigger or reactivation trigger from a **network** connection (**networked standby mode**).

For the measurement of power used in **non-active mode** other than **networked standby mode**, reference is made to **IEC 62301 [1]**.

This document also provides a method to test **power management** and to test whether it is possible to deactivate wireless **network** connection(s).

IEC 63474:2023 [2] (ED1) was based on **EN 50643:2018 [3]**. It was submitted to the National Committees for voting under the Fast Track Procedure.

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