
Električna in elektronska gospodinjska in pisarniška oprema - Merjenje porabe električne energije v stanju 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: prEN IEC 63474:2025

<https://standards.iteh.ai/catalog/standards/sist/c783da92-459e-46e3-8375-aff83b1ed268/osist-pren-iec-63474-2025>

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

oSIST prEN IEC 63474:2025**en,fr,de**



100/4306/CDV

COMMITTEE DRAFT FOR VOTE (CDV)

PROJECT NUMBER: IEC 63474 ED2	
DATE OF CIRCULATION: 2025-05-02	CLOSING DATE FOR VOTING: 2025-07-25
SUPERSEDES DOCUMENTS: 100/4179/CD, 100/4294/CC	

IEC TA 19 : ENVIRONMENTAL AND ENERGY ASPECTS FOR MULTIMEDIA SYSTEMS AND EQUIPMENT	
SECRETARIAT: Germany	SECRETARY: Mr Andreas Schneider
OF INTEREST TO THE FOLLOWING COMMITTEES: TC 59,ACEE	HORIZONTAL FUNCTION(S): TC 100/TA 19 Horizontal Group Energy Efficiency
ASPECTS CONCERNED: Energy Efficiency,Environment	
<input checked="" type="checkbox"/> SUBMITTED FOR CENELEC PARALLEL VOTING Attention IEC-CENELEC parallel voting The attention of IEC National Committees, members of CENELEC, is drawn to the fact that this Committee Draft for Vote (CDV) is submitted for parallel voting. The CENELEC members are invited to vote through the CENELEC online voting system.	<input type="checkbox"/> NOT SUBMITTED FOR CENELEC PARALLEL VOTING
<p>This document is still under study and subject to change. It should not be used for reference purposes.</p> <p>Recipients of this document are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.</p> <p>Recipients of this document are invited to submit, with their comments, notification of any relevant "In Some Countries" clauses to be included should this proposal proceed. Recipients are reminded that the CDV stage is the final stage for submitting ISC clauses. (SEE AC/22/2007 OR NEW GUIDANCE DOC).</p>	

TITLE: Electrical and electronic household and office equipment – Measurement of networked standby power of edge equipment
PROPOSED STABILITY DATE: 2031

NOTE FROM TC/SC OFFICERS: The title of IEC 63474:2023 (ED1) 'Electrical and electronic household and office equipment – Measurement of networked standby power consumption of edge equipment' was adjusted for the 2nd edition to IEC 63474 (ED2) 'Electrical and electronic household and office equipment – Measurement of networked standby power of edge equipment' (The word 'consumption' was deleted).
--

Link to Committee Draft for Vote (CDV) online document:

<https://osd.iec.ch/#/editor/archive/089a5056-7faf-4cc2-95e5-38986a08037a/en/CCDV/1>

How to access

This link leads you to the Online Standards Development (OSD) platform for National Mirror Committee's (NMC) comments. The project draft may be found further down this document.

Resource materials

We recommend NCs to review the available materials to better understand the member commenting on the OSD platform. This includes the:

- OSD NC roles overview: [here](#)
- How to add and submit comments to the IEC: [here](#)

Contact

Should you require any assistance, please contact the IEC IT Helpdesk at helpdesk@iec.ch.

CONTENTS

FOREWORD	5
INTRODUCTION	7
1 Scope	8
2 Normative references	8
3 Terms, definitions and abbreviations	9
3.1 Terms and definitions	9
3.1.1 Function related terms and definitions	9
3.1.2 Mode related terms and definitions	12
3.1.3 Network related terms and definitions	13
3.1.4 Other terms and definitions	14
3.2 Abbreviated terms	15
4 Information required for testing purposes	15
4.1 Information about reactivation network port(s)	15
4.2 Power management function - periods and conditions	16
4.3 Activation and deactivation of wireless network connections	16
5 Measurement conditions	16
5.1 Common requirements	16
5.2 Test room	17
5.3 Power supply	17
5.4 Power measuring instruments	17
5.5 Configuration of network ports	17
5.6 Power measurement uncertainty	17
6 Measurements	17
6.1 Overview	17
6.2 Management of wireless networks and radio receivers	18
6.2.1 General	18
6.2.2 Wireless network connection management	19
6.2.3 Radio receiver management	19
6.3 Preparation of the EUT and general testing aspects	19
6.4 Power management	19
6.5 Measurement procedure	20
6.6 Network port configuration	20
6.6.1 Configuration for measurement of power in networked standby mode using individual network ports	20
6.6.2 Configuration for measurement of power in networked standby mode with all network ports connected	21
6.6.3 Configuration for measurement of power in networked standby mode with all network ports disconnected	21
6.7 Methods for measuring power	21
6.7.1 Measurement of power in networked standby mode when connected to mains power	21
6.7.2 Measurement of power in networked standby mode when powered by battery only	21
7 Test report	22
7.1 Test and laboratory details	22