
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 consumption 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 - Mesure de la consommation d'énergie en veille avec maintien de la connexion au réseau des équipements de périphérie

SIST EN 50643:2019/A1:2021
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Ta slovenski standard je istoveten z: EN 50643:2018/A1:2020

ICS:

35.260	Pisarniški stroji	Office machines
97.030	Električni aparati za dom na splošno	Domestic electrical appliances in general

SIST EN 50643:2019/A1:2021**en,fr,de**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 50643:2018/A1

April 2020

ICS 35.260; 97.030

English Version

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

Appareils électriques et électroniques pour application
domestique et équipement de bureau - Mesure de la
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Bereitschaftsbetrieb von Geräten am Netzwerkrand

This amendment A1 modifies the European Standard EN 50643:2018; it was approved by CENELEC on 2020-02-19. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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 amendment 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

This document (EN 50643:2018/A1:2020) has been prepared by CLC/TC 100X "Audio, video and multimedia systems and equipment and related sub-systems".

The following dates are fixed:

- latest date by which this document has (dop) 2021-02-19
to be implemented at national level by
publication of an identical national
standard or by endorsement
- latest date by which the national (dow) 2023-02-19
standards conflicting with this document
have to be withdrawn

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

This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For the relationship with EU Directive(s) see informative Annex ZZ, which is an integral part of this document.

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1 Modifications to Annex ZA "Relationship between this European Standard and the eco-design requirements of Commission Regulation (EU) No 801/2013 aimed to be covered"

Replace Annex ZA with the following Annex ZZ:

"

Annex ZZ (informative)

Relationship between this European Standard and the ecodesign requirements of both Commission Regulation (EC) No 1275/2008 and Commission Regulation (EC) No 642/2009, as jointly amended by Commission Regulation (EU) No 801/2013

This European standard has been prepared under a Commission's standardisation request to the European standardisation organisations as regards ecodesign requirements for networked standby in support of Regulation (EC) No 1275/2008 and Regulation (EC) No 642/2009, M/544 / C(2015) 9468 final of 5 January 2016, to provide one voluntary means of conforming to the ecodesign requirements on networked standby of the following:

- Commission Regulation (EC) No 1275/2008 of 17 December 2008 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for standby and off mode, and networked standby, electric power consumption of electrical and electronic household and office equipment; and
- Commission Regulation (EC) No 642/2009 of 22 July 2009, implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for televisions.

NOTE Both Regulation (EC) No 1275/2008 and Regulation (EC) No 642/2009 were amended by Commission Regulation (EU) No 801/2013 of 22 August 2013.

Once this standard is cited in the Official Journal of the European Union under those Regulations, compliance with the normative clauses of this standard given in Tables ZZ.1 and ZZ.2 confer, within the limits of the scope of this standard, a presumption of conformity with the corresponding ecodesign requirements of those Regulations and associated EFTA Regulations.

Table ZZ.1 — Correspondence between this European Standard and Commission Regulation (EC) No 1275/2008 of 17 December 2008 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for standby and off mode, and networked standby, electric power consumption of electrical and electronic household and office equipment (as amended by Commission Regulation (EU) No 801/2013 of 22 August 2013)

Ecodesign requirements of Regulation (EC) No 1275/2008 (as amended by Regulation (EU) No 801/2013) [OJEU L 339/45 (2008)]	Clause(s) / subclause(s) of this EN	Remarks / Notes
Annex II, point 3 (a) (new)	6.2	Possibility of deactivating wireless network connection(s)
Annex II, point 3 (b) (new)	6.4 c)	Power management for networked equipment
Annex II, point 4 (a) (new)	6.5	standby mode(s) when all wired network ports are disconnected and when all wireless network ports are deactivated

Ecodesign requirements of Regulation (EC) No 1275/2008 (as amended by Regulation (EU) No 801/2013) [OJEU L 339/45 (2008)]	Clause(s) / subclause(s) of this EN	Remarks / Notes
Annex II, point 4 (b) (new)	6.5	Power management for Networked equipment other than HiNA equipment when all wired network ports are disconnected and when all wireless network ports are deactivated
Annex II, point 4 (c) (new)	6.4 d)	Power consumption in a condition providing " networked standby " into which the equipment is switched by the power management function
Annex II, point 5 (new)	6.4 d)	power consumption of networked equipment other than HiNA equipment or other than equipment with HiNA functionality, in a condition providing networked standby into which the equipment is switched by the power management function, or a similar function
Annex II, point 7 (b) (new)	6.6	power consumption in networked standby if all wired network ports are connected and all wireless network ports are activated
Annex II, point 9 (replacing former point 4)	7.2 and 7.4	Information to be provided in the technical documentation

Table ZZ.2 — Correspondence between this European Standard and Commission Regulation (EC) No 642/2009 of 22 July 2009 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for televisions (as amended by Commission Regulation (EU) No 801/2013 of 22 August 2013).

Ecodesign requirements of Regulation (EC) No 642/2009, (as amended by Regulation (EU) No 801/2013) [OJEU L 191/42 (2009)]	Clause(s) / subclause(s) of this EN	Remarks / Notes
Annex I, point 3 - 1(a) (new)	6.2	Possibility of deactivating wireless network connection(s)
Annex I, point 3 - 1(b) (new)	6.4 c)	Power management for networked televisions
Annex I, point 3 - 2 (a) (new)	6.5	standby mode(s) when all wired network ports are disconnected and when all wireless network ports are deactivated

Ecodesign requirements of Regulation (EC) No 642/2009, (as amended by Regulation (EU) No 801/2013) [OJEU L 191/42 (2009)]	Clause(s) / subclause(s) of this EN	Remarks / Notes
Annex I, point 3 - 2(b) (new)	6.5	Power management for Networked televisions when all wired network ports are disconnected and when all wireless network ports are deactivated
Annex I, point 3 - 2 (c) (new)	6.4 d)	Power consumption in a condition providing “ networked standby ” into which the television is switched by the power management function
Annex I, point 3 - 3 (new)	6.4 d)	Power consumption of televisions without HiNA functionality in a condition providing “ network standby ” into which the television is switched by the power management function
Annex I, point 6.1 (e) (new)	7.2	Information to be provided in the technical document
Annex I, point 6.1 (f) (new)	7.4	Information to be provided in the technical document

WARNING 1 — Presumption of conformity stays valid only as long as a reference to this European Standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.

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WARNING 2 — Other Union legislation may be applicable to the products falling within the scope of this standard."