



**NSAI**  
Standards

Irish Standard  
I.S. EN IEC 62512:2020&A11:2020

# Electric clothes washer-dryers for household use - Methods for measuring the performance

**I.S. EN IEC 62512:2020&A11:2020**

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

EN IEC 62512:2020/A11:2020

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I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation — recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

*This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):*

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*This document is based on:*

EN IEC 62512:2020

*Published:*

2020-12-04

*This document was published  
under the authority of the NSAI  
and comes into effect on:*

2020-12-21

ICS number:

97.060

NOTE: If blank see CEN/CENELEC cover page

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## National Foreword

I.S. EN IEC 62512:2020&A11:2020 is the adopted Irish version of the European Document EN IEC 62512:2020, Electric clothes washer-dryers for household use - Methods for measuring the performance

This document does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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*In line with international standards practice the decimal point is shown as a comma (,) throughout this document.*

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN IEC 62512:2020/A11**

December 2020

ICS 97.060

English Version

**Electric clothes washer-dryers for household use - Methods for  
measuring the performance**

Lavantes-séchantes électriques à usage domestique -  
Méthodes de mesure de l'aptitude à la fonction

Elektrische Wasch-Trockner für den Hausgebrauch -  
Prüfverfahren zur Bestimmung der  
Gebrauchseigenschaften

This amendment A11 modifies the European Standard EN IEC 62512:2020; it was approved by CENELEC on 2020-10-21. 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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



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 62512:2020/A11:2020 (E)**

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## EN IEC 62512:2020/A11:2020 (E)

### European foreword

This document (EN IEC 62512:2020/A11:2020) consists of the text of IEC 62512:2012 prepared by IEC/SD 59, "Home laundry appliances", together with the common modifications prepared by CLC/TC 59X "Performance of household and similar electrical appliances".

The following dates are fixed:

- latest date by which this document has to be (dop) 2021-07-21 implemented at national level by publication of an identical national standard or by endorsement
- latest date by which the national standards (dow) 2023-10-21 conflicting with this document have to be withdrawn

This document supersedes EN 50229:2015.

Significant technical differences are:

- a the definition of the loads to be tested in continuous, segmented and **interrupted operation cycles**;
- b the method for testing automatic and not automatic **operation** of the **drying cycles**;
- c the way to handle the load for **interrupted operation cycles**;
- d the correction to be applied to test results for continuous and **interrupted operation cycles**;
- e the definition of a procedure for a **segmented operation cycle** to simulate a continuous **wash and dry cycle**, if the machine does not offer those **programme** setting;
- f the test procedure for the performance measurements for **multi-drum** washer dryers according to EU energy label regulation.

This document also specifies, as far as necessary, the test method for household washing machines in accordance with the COMMISSION DELEGATED REGULATION (EU) 2019/2014 of 11 March 2019 supplementing Regulation 2017/1369 of the European Parliament and of the Council with regard to energy labelling of household washing machines and household **washer-dryers** and repealing Commission Regulation (EU) No 1061/2010 and Commission Directive 96/60/EC and in accordance with the COMMISSION REGULATION (EU) 2019/2023 of 1 October 2019 laying down ecodesign requirements for household washing machines and household **washer-dryers** pursuant to Directive 2009/125/EC of the European Parliament and of the Council, amending Commission Regulation (EC) No 1275/2008 and repealing Commission regulation (EU) No 1015/2010.

Clauses, notes, tables, figures and annexes which are additional to those in IEC 62512:2012 are prefixed "Z".

Annex ZA sets out the procedure to be applied for testing according to Commission Regulations with regard to energy labelling and ecodesign and provides all necessary links to all relevant clauses of this document.

This document has been prepared in view of the upcoming Standardization Request which will be given to CENELEC by the European Commission and the European Free Trade Association and supports Commission Delegated Regulation (EU) 2019/2014 and Commission Regulation (EU) 2019/2023.

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.

## **EN IEC 62512:2020/A11:2020 (E)**

For the relationship with Commission Delegated Regulation (EU) 2019/2014 and Commission Regulation (EU) 2019/2023 informative Annex ZZA and Annex ZZB will be published following the adoption of the Standardization Request.

### **Endorsement notice**

The text of the International Standard IEC 62512:2012 was approved by CENELEC as a European Standard with agreed common modifications.



## EN IEC 62512:2020/A11:2020 (E)

### 1 Modifications to Clause 1, “Scope”

*Add after the second paragraph of the Scope the following:*

"This document provides a measurement procedure for EU regulations on ecodesign and energy labelling on household combined washer-dryers in their function to wash and dry textiles"

*Replace the Note in the Scope with:*

"NOTE Washer-dryers for communal use in blocks of flats or in launderettes are also included within the scope of this document. It does not apply to washer-dryers for commercial laundries."

### 2 Modifications to Clause 2, “Normative references”

*In Clause 2, delete IEC 60704-2-4 and IEC 60704-2-6.*

*Add the following standards:*

"EN IEC 60704-2-16:2019 + A11:2020, Household and similar electrical appliances — Test code for the determination of airborne acoustical noise — Part 2-16: Particular requirements for washer-dryers

EN 60335-2-7:2010, Household and similar electrical appliances — Safety — Part 2-7: Particular requirements for washing machines

CLC/TS 50677, Clothes washing machines and washer-dryers for household and similar use — Method for the determination of rinsing effectiveness by measurement of the surfactant content at textile materials

CLC/TS 50707:2020, Clothes washing machines and washer-dryers for household and similar use — Method for the determination of the maximum temperature inside the load"

### 3 Modifications to Clause 3, “Terms, definitions and symbols”

*Add table before 3.1.1*

**Table 3.1 – Reference table for terms and definition in alphabetical order**

terms and definition	sub-clause
automatic drying	3.1.9
combined cycle time	3.1.Z10
combined programme time	3.1.Z9
combined rated capacity	3.1.Z8
complete operation cycle	3.1.4
continuous operation cycle	3.1.5
drying cycle	3.1.8
eco 40-60	3.1.Z11
end of programme	3.1.10
final moisture content	3.1.Z2

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