



BSI Standards Publication

# Household and similar electrical appliances — Safety

Part 2-69: Particular requirements for wet  
and dry vacuum cleaners, including power  
brush for commercial use

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### National foreword

This British Standard is the UK implementation of EN 60335-2-69:2012. It is derived from IEC 60335-2-69:2012. It supersedes BS EN 60335-2-69:2009 which is withdrawn.

The CENELEC common modifications have been implemented at the appropriate places in the text. The start and finish of each common modification is indicated in the text by tags **CD** **CD**.

The UK national committee voted against the final draft of this standard as it sees no reason to prohibit the use of flow-through collector motors, as stated in Subclause CC.4.201. It is the opinion of the national committee that flow-through collector motors can be used in Cat 3 D (Zone 22) applications if they satisfy provisions given in IEC 61241 parts 0 and 1.

The UK participation in its preparation was entrusted by Technical Committee CPL/61, Safety of household and similar electrical appliances, to Subcommittee CPL/61/10, Floor treatment machines (industrial).

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

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

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**Compliance with a British Standard cannot confer immunity from legal obligations.**

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### Amendments/corrigenda issued since publication

Date	Text affected
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English version

**Household and similar electrical appliances -  
Safety -  
Part 2-69: Particular requirements for wet and dry vacuum cleaners,  
including power brush for commercial use  
(IEC 60335-2-69:2012, modified)**

Appareils électrodomestiques et  
analogues -  
Sécurité -  
Partie 2-69: Règles particulières pour les  
aspirateurs fonctionnant en présence  
d'eau ou à sec à usage commercial  
(CEI 60335-2-69:2012, modifiée)

Sicherheit elektrischer Geräte für den  
Hausgebrauch und ähnliche Zwecke -  
Teil 2-69: Besondere Anforderungen für  
Staub- und Wassersauger für den  
gewerblichen Gebrauch  
(IEC 60335-2-69:2012, modifiziert)

This European Standard was approved by CENELEC on 2012-03-28. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard 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 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.

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

**CENELEC**

European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**Management Centre: Avenue Marnix 17, B - 1000 Brussels**

## Foreword

The text of document 61J/481/FDIS, future edition 4 of IEC 60335-2-69, prepared by IEC/SC 61J "Electrical motor-operated cleaning appliances for commercial use", of IEC/TC 61, "Safety of household and similar electrical appliances" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60335-2-69:2012.

A draft amendment, which covers common modifications to IEC 60335-2-69, was prepared by CLC/TC 61, "Safety of household and similar electrical appliances" and approved by CENELEC.

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2013-03-28
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2015-03-28

This document supersedes EN 60335-2-69:2009.

EN 60335-2-69:2012 includes the following significant technical changes with respect to EN 60335-2-69:2009:

- the scope has been revised editorially to avoid misunderstandings;
- terms and definitions has been revised with regard to the requirements revised;
- the standard has been revised in general and updated regarding state-of-the-art, as far as necessary, in particular some changes have been made to Clauses 15, 22 and 25;
- Annex AA was revised and restructured;
- Annex CC was made informative;
- a new Annex EE 'Emission of acoustical noise' was added; and
- a new Annex FF 'Emission of vibration' was added.

This part 2 is to be used in conjunction with EN 60335-1:2012.

NOTE 1 When "Part 1" is mentioned in this standard, it refers to EN 60335-1.

This part 2 supplements or modifies the corresponding clauses in EN 60335-1, so as to convert that publication into the European Standard: *Safety requirements for wet and dry vacuum cleaners, including power brush, for commercial use.*

When a particular subclause of Part 1 is not mentioned in this part 2, that subclause applies as far as is reasonable. When this standard states "addition", "modification" or "replacement", the relevant text in Part 1 is to be adapted accordingly.

NOTE 2 The following numbering system is used:

- subclauses, tables and figures that are numbered starting from 101 are additional to those in Part 1;
- unless notes are in a new subclause or involve notes in Part 1, they are numbered starting from 101, including those in a replaced clause or subclause;
- additional annexes are lettered AA, BB, etc.

NOTE 3 The following print types are used:

- requirements: in roman type;
- *test specifications: in italic type;*
- notes: in small roman type.

Words in **bold** in the text are defined in Clause 3. When a definition concerns an adjective, the adjective and the associated noun are also in bold.

Clauses, subclauses, notes, tables, figures and annexes which are additional to those in IEC 60335-2-69:2012 are prefixed “Z”.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] 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.

### Endorsement notice

The text of the International Standard IEC 60335-2-69:2012 was approved by CENELEC as a European Standard with agreed common modifications.

*Add the following special national condition to Annex ZA of EN 60335-1:2012:*

**Annex ZA**  
(normative)

**Special national conditions**

**Special national condition:** National characteristic or practice that cannot be changed even over a long period, e.g. climatic conditions, electrical earthing conditions.

NOTE If it affects harmonization, it forms part of the European Standard / Harmonization Document.

For the countries in which the relevant special national conditions apply these provisions are normative, for other countries they are informative.

<u>Clause</u>	<u>Special national condition</u>
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<b>7.12</b>	<b>Finland</b>
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If a polyvinyl chloride sheathed cord is fitted, the instructions shall state that the appliance is not to be used outdoors at low temperature.

Add the following references to Annex ZC of EN 60335-1:2012:

## Annex ZC (normative)

### Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60312-1	-	Vacuum cleaners for household use - Part 1: Dry vacuum cleaners - Methods for measuring the performance	FprEN 60312-1 <sup>1)</sup>	-
ISO 2602	-	Statistical interpretation of test results - Estimation of the mean - Confidence interval	-	-
ISO 6344-2	-	Coated abrasives - Grain size analysis - Part 2: Determination of grain size distribution of macrogrits P12 to P220	-	-
ISO 7731	-	Ergonomics - Danger signals for public and work areas - Auditory danger signals	EN ISO 7731	-
ISO 11428	-	Ergonomics - Visual danger signals - General requirements, design and testing	-	-

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<sup>1)</sup> At draft stage.

**Annex ZE**  
(informative)

**Specific additional requirements for appliances and machines intended  
for commercial use**

This annex is not applicable.