



NSAI
Standards

Irish Standard
I.S. EN IEC 62885-4:2020

Surface cleaning appliances - Part 4:
Cordless dry vacuum cleaners for
household or similar use - Methods for
measuring the performance

I.S. EN IEC 62885-4:2020

Incorporating amendments/corrigenda/National Annexes issued since publication:

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National Foreword

I.S. EN IEC 62885-4:2020 is the adopted Irish version of the European Document EN IEC 62885-4:2020, Surface cleaning appliances - Part 4: Cordless dry vacuum cleaners for household or similar use - Methods for measuring the performance

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EUROPEAN STANDARD

EN IEC 62885-4

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2020

ICS 97.080

English Version

**Surface cleaning appliances - Part 4: Cordless dry vacuum
cleaners for household or similar use - Methods for measuring
the performance
(IEC 62885-4:2020)**

Appareils de nettoyage des sols - Partie 4: Aspirateurs à
sec sans fil à usage domestique ou analogue - Méthodes
de mesure de l'aptitude à la fonction
(IEC 62885-4:2020)

Geräte zur Oberflächenreinigung - Teil 4: Schnurlose
Trockensauger für den Hausgebrauch und ähnliche
Anwendungen - Prüfverfahren zur Bestimmung der
Gebrauchseigenschaften
(IEC 62885-4:2020)

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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 62885-4:2020 (E)

European foreword

The text of document 59F/397/FDIS, future edition 1 of IEC 62885-4, prepared by SC 59F "Surface cleaning appliances" of IEC/TC 59 "Performance of household and similar electrical appliances" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62885-4:2020.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2021-05-17
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2023-08-17

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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.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 62301 (mod)	2011	Household electrical appliances - Measurement of standby power	- EN 50564	2011
IEC 62885-2	2016	Surface cleaning appliances - Part 2: Dry vacuum cleaners for household or similar use - Methods for measuring the performance	-	-

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IEC 62885-4

Edition 1.0 2020-07

INTERNATIONAL STANDARD

NORME INTERNATIONALE



**Surface cleaning appliances –
Part 4: Cordless dry vacuum cleaners for household or similar use –
Methods for measuring the performance**

**Appareils de nettoyage des sols –
Partie 4: Aspirateurs à sec sans fil à usage domestique ou analogue –
Méthodes de mesure de l'aptitude à la fonction**





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IEC 62885-4

Edition 1.0 2020-07

INTERNATIONAL STANDARD

NORME INTERNATIONALE



**Surface cleaning appliances –
Part 4: Cordless dry vacuum cleaners for household or similar use –
Methods for measuring the performance**

**Appareils de nettoyage des sols –
Partie 4: Aspirateurs à sec sans fil à usage domestique ou analogue –
Méthodes de mesure de l'aptitude à la fonction**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

SURFACE CLEANING APPLIANCES –

Part 4: Cordless dry vacuum cleaners for household or similar use – Methods for measuring the performance

FOREWORD

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International Standard IEC 62885-4 has been prepared by subcommittee 59F: Surface cleaning appliances, of IEC technical committee 59: Performance of household and similar electrical appliances.

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

FDIS	Report on voting
59F/397/FDIS	59F/404/RVD

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

This standard is to be read in conjunction with IEC 62885-2:2016, to which it refers, and which is applicable unless otherwise specified in this standard. In order to simplify the indication of corresponding requirements, the same numbering of clauses and subclauses is used as in IEC 62885-2:2016. Amendments to these clauses and subclauses are given under the same references whilst additional subclauses, tables, figures and notes are numbered from 101. Additional annexes are lettered AA, BB, etc.

A list of all the parts in the IEC 62885 series, under the general title *Surface cleaning appliances*, can be found on the IEC website.

In this standard, the following print types are used:

- terms defined in Clause 3: **bold type**

Where the term **dry vacuum cleaner** is used, it shall be read **cordless dry vacuum cleaner**.

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

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SURFACE CLEANING APPLIANCES –

Part 4: Cordless dry vacuum cleaners for household or similar use – Methods for measuring the performance

1 Scope

This part of IEC 62885 is applicable to measurements of the performance of **cordless dry vacuum cleaners** for household use or under conditions similar to those in households. The results obtained under this document are intended to be comparable to the results obtained under IEC 62885-2 for mains-connected vacuums.

The purpose of this document is to specify essential performance characteristics of **cordless dry vacuum cleaners** which are of interest to users and to describe methods for measuring these characteristics.

NOTE 1 Owing to the influence of environmental conditions, variations in time, origin of test materials and proficiency of the operator, most of the described test methods give more reliable results when applied to comparative testing of a number of appliances at the same time, in the same laboratory and by the same operator.

NOTE 2 This document is not intended for mains-operated vacuum cleaners or cleaning robots.

NOTE 3 Cordless handheld vacuums are excluded, except for 5.7.2 and 5.8.

For safety requirements, reference is made to IEC 60335-1 and IEC 60335-2-2.

A recommendation on information for the consumer at the point of sale is given in Annex B of IEC 62885-2.

2 Normative references

Clause 2 of IEC 62885-2:2016 applies with the following addition:

IEC 62885-2:2016, *Surface cleaning appliances – Part 2: Dry vacuum cleaners for household or similar use – Methods for measuring the performance*

IEC 62301:2011, *Household electrical appliances – Measurement of standby power*

3 Terms and definitions

Clause 3 of IEC 62885-2:2016 applies with following additions.

3.101

cordless dry vacuum cleaner

dry vacuum cleaner that is not mains-operated

Note 1 to entry: The term "cordless" is equivalent to "battery-operated" throughout the document.

3.102

fully charged

point during charging when, according to the manufacturer's instructions, by indicator or time period, the product does not need to be charged anymore (see 4.6.101 for specific charging instructions)

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