

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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SURFACE CLEANING APPLIANCES –

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

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This consolidated version of the official IEC Standard and its amendment has been prepared for user convenience.

IEC 62885-4 edition 1.1 contains the first edition (2020-07) [documents 59F/397/FDIS and 59F/404/RVD] and its amendment 1 (2023-07) [documents 59F/472/FDIS and 59F/477/RVD].

In this Redline version, a vertical line in the margin shows where the technical content is modified by amendment 1. Additions are in green text, deletions are in strikethrough red text. A separate Final version with all changes accepted is available in this publication.

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.

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

This standard is to be read in conjunction with IEC 62885-2:2016/2021, 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 62885-2:2016/2021. 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 and its amendment will remain unchanged until the stability date indicated on the IEC website under 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 household use. 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 the design 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 5.7.3.

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)