

Specification for

Safety of household and similar electrical appliances —

Part 202: Particular requirements —

Section 202.19 Battery-powered shavers, hair clippers and similar appliances and their charging and battery assemblies

This European Standard EN 60335-2-19:1989 has the status of a British Standard

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Cooperating organizations

The European Committee for Electrotechnical Standardization (CENELEC), under whose supervision this European Standard was prepared, comprises the National Committees of the following countries.

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National foreword

This Section of BS 3456-202 has been prepared under the direction of the Light Electrical Engineering Standards Policy Committee and is the English language version of EN 60335-2-19, “*Safety of household and similar electrical appliances — Part 2: Particular requirements for battery-powered shavers, hair clippers and similar appliances and their charging and battery assemblies*”, published by the European Committee for Electrotechnical Standardization (CENELEC). It was derived by that organization from IEC Publication 335-2-19:1984 second edition, which has the same title as the European Standard.

The CENELEC Common Modifications have been implemented at the appropriate places in the text of IEC Publication 335-2-19:1984 second edition and are indicated by a side line in the margin. The foreword and preface of IEC Publication 335-2-19:1984 second edition and the deleted parts of the original IEC text which do not form part of the text of EN 60335-2-19 have been quoted in National appendix NA. Annexes designated “normative” are part of the body of the standard. Annexes designated “informative” are given for information only. National appendices are designated “informative”.

This Section of BS 3456-202 is to be read in conjunction with BS 3456-201:1990 “*General requirements*”, which it supplements or modifies. The many references to Part 1 should be read as references to BS 3456-201, which is the English language version of EN 60335-1 which was derived from the 1983 reprint of IEC Publication 335-1:1976 second edition including Amendments 1, 2 and 3 to IEC 335-1. For the purposes of this British Standard, any references to IEC page numbers in the text should be ignored.

Cross-references. British Standards corresponding to International Standards quoted in this standard are given in National appendix NC.

Product approval. Attention is drawn to the fact that products conforming to this British Standard may be approved by the British Electrotechnical Approvals Board for the purposes of participation in the CENELEC Certification Agreement and in the CB Scheme of the IECEE. (Details of the BEAB Approval Marks Scheme are given on the inside back cover.)

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 18, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

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Key words: Household electrical appliance; battery-powered shaver and hair clipper; protection against electric shock; protection against fire risk; protection against mechanical hazard

English version

Safety of household and similar electrical appliances Part 2: Particular requirements for battery-powered shavers, hair clippers and similar appliances and their charging and battery assemblies

(IEC 335-2-19:1984 2nd edition, modified)

Sécurité des appareils électrodomestiques
et analogues
Deuxième partie: Règles particulières pour les
rasoirs, tondeuses et appareils analogues
alimentés par batterie, et leurs ensembles
chargeurs et batteries
(CEI 335-2-19:1984 2ème édition, modifiée)

Sicherheit elektrischer Geräte für den
Hausgebrauch und ähnliche Zwecke
Teil 2: Besondere Anforderungen für
batteriegespeiste Rasiergeräte, Haarschneide-
maschinen und ähnliche Geräte und ihre
Lade- und Batterieteile
(IEC 335-2-19:1984 2. Ausgabe, modifiziert)

This European Standard was ratified by CENELEC on 7 March 1989.

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 CENELEC Central Secretariat has the same status as the official versions.

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CENELEC

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

Central Secretariat: rue de Stassart 35, B-1050 Brussels

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Brief history

The proposal to endorse the second edition of IEC Publication 335-2-19, document CENELEC/TC 61 (SEC) 455, was circulated under the enquiry procedure in September 1985. This proposal was discussed during the Zandvoort meeting in June 1986 when it was decided to submit a draft for EN 60335-2-19 to the voting procedure. This procedure started in September 1988. The text of this draft was ratified by the CENELEC Technical Board on the 7th of March 1989.

Foreword

This European Standard has been prepared by the Secretariat of CENELEC Technical Committee 61. The following dates are applicable:

- date of announcement (doa) 1989-12-01
- date of latest publication (dop) 1990-03-01
- date of withdrawal of conflicting national standards (dow) 1991-03-01

For products which have complied with the relevant national standard before 1991-03-01, as shown by the manufacturer or by a Certification Body, this previous standard may continue to apply for production until 1996-03-01.

This document supplements or modifies the corresponding clauses of IEC 335-2-19, second edition, so as to convert that standard into the European Standard EN 60335-2-19, which has to be used in conjunction with EN 60335-1:1988, Safety of household and similar electrical appliances, Part 1: General requirements.

There are no special national conditions (snc) causing a deviation from this European Standard, other than those listed in Annex ZX of EN 60335-1.

There are no national deviations from this European Standard, other than those listed in Annex ZY of EN 60335-1.

The following print types referred to in the preface of IEC 335-2-19 are used:

— requirements proper:	in roman type
— <i>test specifications:</i>	<i>in italic type</i>
— explanatory matter:	in smaller roman type

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