



BSI Standards Publication

Household and similar electrical appliances – Safety

Part 2-29: Particular requirements for battery chargers
(IEC 60335-2-29:2002 + A1:2004)

National foreword

This British Standard is the UK implementation of EN 60335-2-29:2004+A11:2018. It is derived from IEC 60335-2-29:2002, incorporating amendment 1:2004 and amendment 2:2009. It supersedes BS EN 60335-2-29:2004+A2:2010, which will be withdrawn on 5 October 2021.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to IEC text carry the number of the IEC amendment. For example, text altered by IEC amendment A1 is indicated by A1 A1

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to text carry the number of the CENELEC amendment. For example, text altered by CENELEC amendment A11 is indicated by A11 A11

The UK participation in its preparation was entrusted to Technical Committee CPL/61/1, Motorised appliance group.

A list of organizations represented on this committee 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.

© The British Standards Institution 2018
Published by BSI Standards Limited 2018

ISBN 978 0 580 92146 9

ICS 13.120; 29.200; 97.180

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

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 6 December 2004.

Amendments/corrigenda issued since publication

Date	Text affected
16 May 2005	Incorporation of IEC amendment A1:2004
26 August 2005	Adoption of consolidated IEC edition
31 May 2010	Implementation of IEC amendment 2:2009 with CENELEC endorsement A2:2010
31 December 2018	Implementation of CENELEC amendment A11:2018

English Version

Household and similar electrical appliances – Safety –
Part 2-29: Particular requirements for battery chargers
(IEC 60335-2-29:2002 + A1:2004)

Appareils électrodomestiques et
analogues – Sécurité – Partie 2-29: Règles
particulières pour les chargeurs de batterie
(CEI 60335-2-29:2002 + A1:2004)

Sicherheit elektrischer Geräte für den
Hausgebrauch und ähnliche Zwecke – Teil 2-29:
Besondere Anforderungen für Batterieladegeräte
(IEC 60335-2-29:2002 + A1:2004)

This European Standard was approved by CENELEC on 2004-07-06. 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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and 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

European Foreword

The text of document 61/2169/FDIS, future fourth edition of IEC 60335-2-29, and the text of document 61/2536/FDIS, future amendment to the International Standard, prepared by the IEC Technical Committee 61, were submitted to the IEC-CENELEC parallel vote.

The texts of IEC 60335-2-29:2002 and A1:2004 were approved by CENELEC as a new edition of [EN 60335-2-29](#) on 2004-07-06.

This European Standard replaces [EN 60335-2-29:1996](#) + corrigendum November 2001 + A11:1997.

The following dates are applicable:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2004-12-01
- date on which national standards conflicting with the EN have to be withdrawn (dow) 2007-06-01

This part 2 has to be used in conjunction with [EN 60335-1](#), Household and similar electrical appliances — Safety — Part 1: General requirements. It was established on the basis of the 2002 edition of that standard. Amendments and revisions of Part 1 have also to be taken into account and the dates when such changes become applicable will be stated in the relevant amendment or revision of Part 1.

This part 2 supplements or modifies the corresponding clauses of [EN 60335-1](#), so as to convert it into the European Standard: Safety requirements for electric battery chargers.

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 of Part 1 is to be adapted accordingly.

NOTE 1 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.;
- subclauses, notes and annexes that are additional to those in the IEC standard are prefixed with the letter Z.

NOTE 2 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.

Special national conditions causing a deviation from this European Standard are listed in annex ZA and are in addition to those in [EN 60335-1](#).

There are no national deviations from this European Standard, other than those listed in Annex ZB to [EN 60335-1](#).

Introduction

An investigation by CENELEC TC 61 has shown that all risks from products within the scope of this standard are fully covered by the Low Voltage Directive, 73/23/EEC. For products having mechanical

moving parts, a risk assessment in accordance with the Machinery Directive, 98/37/EC, has shown that the risks are mainly of electrical origin and consequently this directive is not applicable. However, the relevant essential safety requirements of the Machinery Directive are covered by this standard together with the principal objectives of the Low Voltage Directive.

Endorsement notice

The text of the International Standard IEC 60335-2-29:2002 + A1:2004 was approved by CENELEC as a European Standard without any modification.