

Electric fence energizers Safety requirements for battery-operated electric fence energizers not for connection to the supply mains

The European Standard EN 61011-2 : 1992 has the status of a
British Standard

Electrificateurs de clôtures
Règles de sécurité pour électrificateurs de
clôtures fonctionnant sur piles ou
accumulateurs et destinés à être raccordés au
réseau de distribution d'énergie

Elektrozaungeräte
Sicherheitsbestimmungen für
batterie-betriebene Elektrozaungeräte, die
nicht für Netzanschluß vorgesehen sind

UDC 631.273.3:621.311.61:620.1:614.8

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:

Austria	Italy
Belgium	Luxembourg
Denmark	Netherlands
Finland	Norway
France	Portugal
Germany	Spain
Greece	Sweden
Iceland	Switzerland
Ireland	United Kingdom

This British Standard, having been prepared under the direction of the Light Electrical Engineering Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 15 January 1993

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The following BSI references relate to the work on this standard:
Committee reference LEL/105
Draft for comment 91/24409 DC

ISBN 0 580 21378 1

Amendments issued since publication

Amd. No.	Date	Text affected

Amendment No. 1
published and effective from 15 May 1995
to BS EN 61011-2 : 1993

Electric fence energizers — Safety requirements for
battery-operated electric fence energizers not for connection
to the supply mains

NOTE. The English language version of European Standard EN 61011-2 was implemented in the United Kingdom by the publication of BS EN 61011-2 : 1993. This amendment implements amendment A2 to EN 61011-2 : 1992.

This amendment, together with the European Standard EN 61011-2 : 1992, has the status of a British Standard.

Revised text

National foreword

In paragraph 1, line 5, after '*supply mains*' insert 'together with amendment A2 : 1994.
(Note: There is no amendment A1)'.

In paragraph 1, line 7, after 'first edition' insert 'together with amendment 2 : 1994
(incorporating amendment 1 : 1991)'.

After paragraph 5 insert the following new paragraph.

'The foreword of EN 61011-2 : 1992/Amendment A2 : 1994 makes reference to the 'date of withdrawal', dow, of the relevant national standard. In this case the relevant national standard is the unamended BS EN 61011-2 : 1993 for which the date of withdrawal is set at 15 December 1994. Certificates and Marks will not be awarded after this date with regard to the former version of the standard. However such Certificates and Marks already awarded, may continue to apply for production until 15 December 1999.'

AMD 8560/May 1995

EN amendment title page and foreword

Insert the attached EN amendment title page (foreword on reverse).

AMD 8560/May 1995

Text of EN 61011-2 : 1992

Amend the text of European Standard EN 61011-2 in accordance with the details given on the attached pages.

AMD 8560/May 1995

UDC 631.273.3: 621.311.61: 620.1: 614.8

Descriptors: Electrical installation, electric fence, supply mains, battery, accumulator, safety requirement

Amendment A2 to the English version of EN 61011-2
(includes amendment AA)

Electric fence energizers Safety requirements for battery-operated electric fence energizers not for connection to the supply mains

(IEC 1011-2 : 1990/A2 : 1993)

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(CEI 1011-2 : 1990/A2 : 1993)

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Elektrozaungeräte, die nicht für Netzanschluß
vorgesehen sind
(IEC 1011-2 : 1990/A2 : 1993)

This amendment A2 modifies the European Standard EN 61011-2 : 1992. It was approved by CENELEC on 8 March 1994. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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 amendment 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, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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

Foreword

The text of document 61H(CO)29, as prepared by Subcommittee 61H: Safety of electrically-operated farm appliances of IEC Technical Committee 61: Safety of household and similar electrical appliances, was submitted to the IEC-CENELEC parallel vote in August 1992.

The reference document was approved by CENELEC as amendment A2 to EN 61011-2 : 1992 on 1993-07-06.

A draft for an amendment to EN 61011-2 : 1992 was submitted to the Unique Acceptance Procedure (UAP) in December 1992 as prAA and was approved by the 77th Technical Board of CENELEC on 1993-09-22.

At that same meeting, the Technical Board decided to postpone the national implementation of the ratified amendments (AA and A2) until evaluation of the voting results on EN 61011-2/prA1, and to combine the three amendments into one amendment (A2), so as to maintain alignment with the numbering of the IEC amendments.

The text of amendment 1 : 1991 to IEC 1011-2 : 1990 was submitted to the formal vote in October 1993 and was approved by CENELEC as amendment A1 to EN 61011-2 : 1992 on 1994-03-08.

For the resulting amendment A2, the following dates were fixed:

- latest date of publication of
an identical national standard (dop) 1994-12-15
- latest date of withdrawal of
conflicting national standards (dow) 1994-12-15

For products which have complied with EN 61011-2 : 1992 before 1994-12-15, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 1999-12-15.

This amendment was established on the basis of EN 61011 : 1992 as modified by its amendment A2 : 1994. Consideration may be given to future editions of, or amendments to, EN 61011.

There are no special national conditions or A-deviations to this amendment.

Endorsement notice

The text of amendment 2 : 1993 (incorporating amendment 1 : 1991) was approved by CENELEC as an amendment to the European Standard without any modification.

The following modification applies to the text of EN 61011-2 : 1992.

8 Protection against electric shock

Additional subclause:

8.101 Means shall be provided to prevent the user getting an electric shock when connecting the battery to the energizer.

PREFACE

Add the following to the first paragraph:

It was established on the basis of the first edition (1989) as modified by amendments 1 (1991) and 2 (1993). Consideration may be given to future editions of, or amendments to, IEC 1011.

2.2.21 *Replace the subclause number with the following: 2.2.18.*

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National foreword

This British Standard has been prepared under the direction of the Light Electrical Engineering Standards Policy Committee and is the English language version of EN 61011-2 : 1992, *Electric fence energizers. Safety requirements for battery-operated electric fence energizers not for connection to the supply mains*, published by the European Committee for Electrotechnical Standardization (CENELEC). It was derived by CENELEC from IEC Publication 1011-2 (1990) first 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 1011-2 (1990) first edition, and are indicated by a side line in the margin. Parts of the original IEC text that have been modified by CENELEC have been quoted in national annex NA.

Annexes designated 'normative' are part of the body of the standard. Annexes designated 'informative' are given for information only. National annexes are designated 'informative'.

This British Standard is to be read in conjunction with BS EN 61011 : 1993 *Electric fence energizers. Safety requirements for mains-operated electric fence energizers*, which it supplements or modifies. The many references to EN 61011 should be read as references to BS EN 61011 which is the English language version of EN 61011 which was derived from IEC 1011 (1989) first edition.

This British Standard supersedes BS 6167 : 1981 which will be withdrawn on 1 July 1993 in accordance with the CENELEC Internal Regulations.

Cross references The relationship between other international publications quoted in this standard and British Standards, which are either identical or technically equivalent is given in national annex NC.

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

UDC 631.273.3:621.311.61:620.1:614.8

Descriptors: Electrical installation, electric fence, supply mains, battery, accumulator, safety requirement

English version

Electric fence energizers
Safety requirements for battery-operated electric fence
energizers not for connection to the supply mains
(IEC 1011-2:1990, modified)

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