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**Generatorji impulzov za električne ograje - Varnostne zahteve za baterijsko napajane generatorje impulzov za električne ograje, ki se jih da priključiti na omrežno napajanje (IEC 61011-2:1990/A2:1993)**

Electric fence energizers – Safety requirements for battery – operated electric fence energizers not for connection to the supply mains (IEC 61011-2:1990/A2:1993)

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[SIST EN 61011-2:1999/A2:1999](https://standards.iteh.ai/catalog/standards/sist/856493ef-727a-4956-bcb1-d834d996227a/sist-en-61011-2-1999-a2-1999)

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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)

Electrificateurs de clôtures  
Règles de sécurité pour électrificateurs  
de clôtures fonctionnant sur piles ou  
accumulateurs et non destinés à être  
raccordés au réseau de distribution  
d'énergie  
(CEI 1011-2:1990/A2:1993)

Elektrozaengeräte  
Sicherheitsbestimmungen für batterie-  
betriebene Elektrozaengeräte, 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.

[SIST EN 61011-2:1999/A2:1999](https://standards.iteh.ai/catalog/standards/sist/856493ef-727a-4956-bcb1-d834d996227a/sist-en-61011-2-1999-a2-1999)

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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

## Foreword

The text of document 61H(CO)29, as prepared by Sub-Committee 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.

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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.

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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.

NORME  
INTERNATIONALE  
INTERNATIONAL  
STANDARD

CEI  
IEC  
1011-2

1990

AMENDEMENT 2  
AMENDMENT 2

1993-05

comprenant l'amendement 1 (novembre 1991)  
incorporating Amendment 1 (November 1991)

Amendement 2

**Electrificateurs de clôtures**

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

Amendment 2

**Electric fence energizers**

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

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International Electrotechnical Commission  
Международная Электротехническая Комиссия

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## FOREWORD

This amendment incorporates amendment 1.

These amendments have been prepared by sub-committee 61H: Safety of electrically-operated farm appliances, of IEC technical committee 61: Safety of household and similar electrical appliances.

The text of these amendments is based on the following documents:

Amendments	DIS	Reports on voting
2	61H(CO)29	61H(CO)35
1	61H(CO)23	61H(CO)25

Full information on the voting for the approval of this amendment can be found in the reports on voting indicated in the above table.

The text of amendment 2 can be distinguished by a vertical line in the margin

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## 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.

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

SIST EN 61011-2:1999/A2:1999

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