



**SLOVENSKI STANDARD**  
**SIST EN 60095-1:1997/A2:1997**  
**01-februar-1997**

---

**Addition of subclause 2.1.5 to EN**

Lead-acid starter batteries -- Part 1: General requirements and methods of test

Blei-Starterbatterien -- Teil 1: Allgemeine Anforderungen und Prüfungen

Batteries d'accumulateurs de démarrage au plomb -- Partie 1: Prescriptions générales et méthodes d'essai

**(standards.iteh.ai)**

**Ta slovenski standard je istoveten z: EN 60095-1:1993/A2:1995**

<https://standards.iteh.ai/catalog/standards/sist/93693910-eacf-41c8-b647-e51aaf8432b8/sist-en-60095-1-1997-a2-1997>

**ICS:**

29.220.20	Kislinski sekundarni člani in baterije	Acid secondary cells and batteries
-----------	--	------------------------------------

**SIST EN 60095-1:1997/A2:1997**                      **en**

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[SIST EN 60095-1:1997/A2:1997](https://standards.iteh.ai/catalog/standards/sist/93693910-eacf-41c8-b647-e51aaf8432b8/sist-en-60095-1-1997-a2-1997)

<https://standards.iteh.ai/catalog/standards/sist/93693910-eacf-41c8-b647-e51aaf8432b8/sist-en-60095-1-1997-a2-1997>

EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 60095-1/A2**

March 1995

UDC 621.355.2:621.43.044.7:620.1  
ICS 01.080.20; 29.220.20

Descriptors: Lead-acid battery, starter battery, identification, labelling, electrical characteristics, mechanical characteristics, test conditions, test methods, tests

English version

**Lead-acid starter batteries**  
**Part 1: General requirements and methods of test**  
(IEC 95-1:1988/A2:1995)

Batteries d'accumulateurs de démarrage  
au plomb  
Partie 1: Prescriptions générales et  
méthodes d'essai  
(CEI 95-1:1988/A2:1995)

Blei-Starterbatterien  
Teil 1: Allgemeine Anforderungen und  
Prüfungen  
(IEC 95-1:1988/A2:1995)

**STANDARD PREVIEW**  
**(standards.iteh.ai)**

[SIST EN 60095-1:1997/A2:1997](https://standards.iteh.ai/catalog/standards/sist/93693910-eacf-41c8-b647-e51aaf8432b8/sist-en-60095-1-1997-a2-1997)

<https://standards.iteh.ai/catalog/standards/sist/93693910-eacf-41c8-b647-e51aaf8432b8/sist-en-60095-1-1997-a2-1997>

This amendment A2 modifies the European Standard EN 60095-1:1993; it was approved by CENELEC on 1995-03-06. 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 21(CO)332 + 332A, future amendment 2 to IEC 95-1:1988, prepared by IEC TC 21, Secondary cells and batteries, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A2 to EN 60095-1:1993 on 1995-03-06.

The following dates were fixed:

- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 1996-03-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 1996-03-01

---

### Endorsement notice

The text of amendment 2:1995 to the International Standard IEC 95-1:1988 was approved by CENELEC as an amendment to the European Standard without any modification.

---

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[SIST EN 60095-1:1997/A2:1997](https://standards.iteh.ai/catalog/standards/sist/93693910-eacf-41c8-b647-e51aaf8432b8/sist-en-60095-1-1997-a2-1997)

<https://standards.iteh.ai/catalog/standards/sist/93693910-eacf-41c8-b647-e51aaf8432b8/sist-en-60095-1-1997-a2-1997>

NORME  
INTERNATIONALE  
INTERNATIONAL  
STANDARD

CEI  
IEC  
95-1

1988

AMENDEMENT 2  
AMENDMENT 2

1995-01

---

---

Amendement 2

Batteries d'accumulateurs de démarrage  
au plomb –

iTeh STANDARD PREVIEW  
(standards.iteh.ai)

Première partie:  
Prescriptions générales et méthodes d'essais

<https://standards.iteh.ai/catalog/standards/sist/93693910-eacf-41c8-b647-e51aaf8432b8/sist-en-60095-1-1997-a2-1997>

SIST EN 60095-1:1997/A2:1997  
Amendment 2

Lead-acid starter batteries –

Part 1:  
General requirements and methods of test

© CEI 1995 Droits de reproduction réservés — Copyright – all rights reserved

Bureau Central de la Commission Electrotechnique Internationale 3, rue de Varembe Genève, Suisse



Commission Electrotechnique Internationale  
International Electrotechnical Commission  
Международная Электротехническая Комиссия

CODE PRIX  
PRICE CODE

C

Pour prix, voir catalogue en vigueur  
For price, see current catalogue

## FOREWORD

This amendment has been prepared by IEC technical committee 21: Secondary cells and batteries.

The text of this amendment is based on the following documents:

DIS	Report on voting
21(CO)332 + 332A	21/368/RVD

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

Page 9

### 2.1 Identification, labelling

Add the following new subclause 2.1.5 after 2.1.4:

**2.1.5 Safety labelling: Batteries shall be marked with SIX coloured symbols as shown in figure 1.**

[SIST EN 60095-1:1997/A2:1997  
https://standards.iteh.ai/catalog/standards/sist/93693910-eacf-41c8-b647-e51aaf8432b8/sist-en-60095-1-1997-a2-1997](https://standards.iteh.ai/catalog/standards/sist/93693910-eacf-41c8-b647-e51aaf8432b8/sist-en-60095-1-1997-a2-1997)



Figure 1

The symbols shall have common dimensions as shown in figure 2 with a minimum dimension of 10 mm.

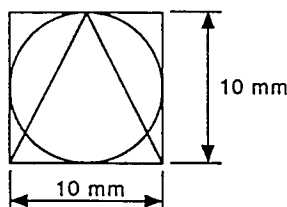


Figure 2

The symbols shall be located in a group as shown in figure 1, on the top of the battery.

No text in any language shall be used with the symbols.

In the original equipment market, the meaning of the symbols shall be found in the vehicle manual in the appropriate language.

In the replacement market, the meaning of the symbols shall be in the booklet supplied with the battery which already contains information for warranty, precautions for handling, instructions for use, etc.

The meaning of the symbols are:

(RED)	No smoking, no naked flames, no sparks
(BLUE)	Shield eyes
(RED)	Keep away from children
(YELLOW)	Battery acid
(BLUE)	Note operating instructions
(YELLOW)	Explosive gas

**iTeh STANDARD PREVIEW**  
**([standards.iteh.ai](https://standards.iteh.ai))**

[SIST EN 60095-1:1997/A2:1997](https://standards.iteh.ai/catalog/standards/sist/93693910-eacf-41c8-b647-e51aaf8432b8/sist-en-60095-1-1997-a2-1997)

<https://standards.iteh.ai/catalog/standards/sist/93693910-eacf-41c8-b647-e51aaf8432b8/sist-en-60095-1-1997-a2-1997>