

Aircraft batteries - Part 3: External electrical connectors

Aircraft batteries -- Part 3: External electrical connectors

Flugzeug-Batterien -- Teil 3: Äußere elektrische Anschlüsse

Batteries d'aéronefs -- Partie 3: Connecteurs électriques externes

 ITeH STANDARD PREVIEW
 (standards.iteh.ai)

Ta slovenski standard je istoveten z: EN 60952-3:1995
[SIST EN 60952-3:1997](https://standards.iteh.ai/catalog/standards/sist/2e16f3da-a6fe-4a84-bd59-5f0f05e5cf58/sist-en-60952-3-1997)
<https://standards.iteh.ai/catalog/standards/sist/2e16f3da-a6fe-4a84-bd59-5f0f05e5cf58/sist-en-60952-3-1997>
ICS:

29.220.20	Sä ä • \ ä ^ \ ^ } äæ } ä ^ } ää àæ\ ää	Acid secondary cells and batteries
49.060	Š ^ æ \ æä Ä ^ • [\ æ ^ \ d ä } ää] ! ^ { æä Ä ä c ^ ä	Aerospace electric equipment and systems

SIST EN 60952-3:1997
en

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN 60952-3:1997](#)

<https://standards.iteh.ai/catalog/standards/sist/2e16f3da-a6fe-4a84-bd59-5f0f05e5cf58/sist-en-60952-3-1997>

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60952-3

April 1995

ICS 29.220.20; 49.560

Descriptors: Storage batteries, aircraft equipment, electric connectors, design, dimensions

English version

Aircraft batteries
Part 3: External electrical connectors
(IEC 952-3:1993)

Batteries d'aéronefs
Partie 3: Connecteurs électriques
externes
(CEI 952-3:1993)

Flugzeug-Batterien
Teil 3: Äußere elektrische Anschlüsse
(IEC 952-3:1993)

ITeH STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN 60952-3:1997](https://standards.iteh.ai/catalog/standards/sist/2e1631a-a6fe-4a84-bd59-5f0f5e5cf58/sist-en-60952-3-1997)

[https://standards.iteh.ai/catalog/standards/sist/2e1631a-a6fe-4a84-bd59-](https://standards.iteh.ai/catalog/standards/sist/2e1631a-a6fe-4a84-bd59-5f0f5e5cf58/sist-en-60952-3-1997)

This European Standard 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 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, 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 the International Standard IEC 952-3:1993, prepared by IEC TC 21, Secondary cells and batteries, was submitted to the formal vote and was approved by CENELEC as EN 60952-3 on 1995-03-06 without any modification.

The following dates were fixed:

- latest date by which the EN 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 EN have to be withdrawn (dow) 1996-03-01

Annexes designated "normative" are part of the body of the standard. In this standard, annexes A, B, C and ZA are normative. Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 952-3:1993 was approved by CENELEC as a European Standard without any modification.

(standards.iteh.ai)

SIST EN 60952-3:1997

<https://standards.iteh.ai/catalog/standards/sist/2e16f3da-a6fe-4a84-bd59-5f0f05e5cf58/sist-en-60952-3-1997>

Annex ZA (normative)**Normative references to international publications
with their corresponding European publications**

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

NOTE: When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 952-2	1991	Aircraft batteries Part 2: Design and construction requirements	EN 60952-2	1993

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

[SIST EN 60952-3:1997](#)

<https://standards.iteh.ai/catalog/standards/sist/2e16f3da-a6fe-4a84-bd59-5f0f05e5cf58/sist-en-60952-3-1997>

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN 60952-3:1997](#)

<https://standards.iteh.ai/catalog/standards/sist/2e16f3da-a6fe-4a84-bd59-5f0f05e5cf58/sist-en-60952-3-1997>

NORME
INTERNATIONALE
INTERNATIONAL
STANDARD

CEI
IEC
952-3

Première édition
First edition
1993-07

Batteries d'aéronefs

Partie 3:
Connecteurs électriques externes

iTeh STANDARD PREVIEW
Aircraft batteries
(standards.iteh.ai)

Part 3:
External electrical connectors

<https://standards.iteh.ai/catalog/standards/sist/2e16f3da-a6fe-4a84-bd59-5f0f05e5cf58/sist-en-60952-3-1997>

© CEI 1993 Droits de reproduction réservés — Copyright — all rights reserved

Aucune partie de cette publication ne peut être reproduite ni utilisée sous quelque forme que ce soit et par aucun procédé, électronique ou mécanique, y compris la photocopie et les microfilms, sans l'accord écrit de l'éditeur.

No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

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

F

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

INTERNATIONAL ELECTROTECHNICAL COMMISSION

AIRCRAFT BATTERIES

Part 3: External electrical connectors

FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international cooperation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of the IEC on technical matters, prepared by technical committees on which all the National Committees having a special interest therein are represented, express, as nearly as possible, an international consensus of opinion on the subjects dealt with.
- 3) They have the form of recommendations for international use published in the form of standards, technical reports or guides and they are accepted by the National Committees in that sense.
- 4) In order to promote international unification, IEC National Committees undertake to apply IEC International Standards transparently to the maximum extent possible in their national and regional standards. Any divergence between the IEC Standard and the corresponding national or regional standard shall be clearly indicated in the latter.

SIST EN 60952-3:1997

International Standard IEC 952-3 has been prepared by IEC technical committee 21: Secondary cells and batteries.

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

DIS	Report on Voting
21(CO)322	21(CO)327

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

IEC 952 consists of the following parts, under the general title: Aircraft batteries.

- Part 1: 1988, General test requirements and performance levels.
- Part 2: 1991, Design and construction requirements.

Annexes A, B and C form an integral part of this standard.

AIRCRAFT BATTERIES

Part 3: External electrical connectors

1 Scope

This part of IEC 952 defines the design and dimensions of the external electrical connectors on aircraft batteries which interface with the connector plugs on the aircraft.

NOTE - The connectors in this part have been defined from field standards in use in the aeronautical industry. Amendments should only be considered when the basic standards are modified, or when an ISO Standard is produced.

2 Normative references

The following normative document contains provisions which, through reference in this text, constitute provisions of this part of IEC 952. At the time of publication of this standard, the edition indicated was valid. All normative documents are subject to revision, and parties to agreements based on this part of IEC 952 are encouraged to investigate the possibility of applying the most recent edition of the normative document indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

IEC 952-2: 1991, *Aircraft batteries - Part 2: Design and construction requirements*

SIST EN 60952-3:1997

<https://standards.itec.ai/catalog/standards/sist/2e1015da-d01c-4a04-bd59-5f0f05e5cf58/sist-en-60952-3-1997>

5f0f05e5cf58/sist-en-60952-3-1997

3 General construction requirements

A connector is part of the battery and shall therefore comply with the general construction requirements given in part 2 of this standard. External connectors shall be protected against the risk of accidental short circuit.

The connectors shall be of the types specified in the battery format given in annex A of IEC 952-2.

4 Design and dimensions

The three preferred types of connector, together with their dimensions, are given in the annexes to this part.