SLOVENSKI STANDARD

SIST EN 60952-3:2005

maj 2005

Letalske baterije – 3. del: Specifikacija za proizvod in pojasnilo k načrtovanju in delovanju

Aircraft batteries -- Part 3: Product specification and declaration of design and performance (DDP)

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ICS 29.220.20; 49.060

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EUROPEAN STANDARD

EN 60952-3

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2004

ICS 29.220.20 ; 49.060

Supersedes EN 60952-3:1995

English version

Aircraft batteries Part 3: Product specification and declaration of design and performance (DDP) (IEC 60952-3:2004)

Batteries d'aéronefs Partie 3: Spécification de produit et déclaration de conception et de performance (DDP) (CEI 60952-3:2004) Flugzeugbatterien Teil 3: Produktspezifikation und Erklärung zu Entwurf und Leistung (DDP) (IEC 60952-3:2004)

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SIST EN 60952-3:2005

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European Committee for Electrotechnical Standardization Comité Européen de Normalisation Electrotechnique Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

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Foreword

The text of document 21/613/FDIS, future edition 2 of IEC 60952-3, prepared by IEC TC 21, Secondary cells and batteries, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60952-3 on 2004-11-01.

This European Standard supersedes EN 60952-3:1995.

This standard now details the requirement for defining the declaration of performance and the detail of a specification between supplier and purchaser.

It is recognised that additional data may be required by other organisations (national standards bodies, AECMA, SAE, etc.). The present standard can be used as a framework to devise tests for generation of the required data.

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)	2005-08-01
 latest date by which the national standards conflicting with the EN have to be withdrawn and the STANDARD PREV Annex ZA has been added by CENELEC. (standards.iteh.ai) 	(dow)	2007-11-01
SIST EN 60052 2:2005		

<u>SIST EN 60952-3:2005</u> https://standards.iteh.ai/catalog/standards/sist/62980d31-3ae0-4b83-86d3f0Endorsesmentono_tice_05

The text of the International Standard IEC 60952-3:2004 was approved by CENELEC as a European Standard without any modification.

Annex ZA

(normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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

Publication	Year	Title	<u>EN/HD</u>	Year
IEC 60952-1	2004	Aircraft batteries Part 1: General test requirements and performance levels	EN 60952-1	2004
ISO/TR 224	1998	Aircraft – Declaration of design and performance for aircraft equipment – Standard form	-	-

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NORME INTERNATIONALE INTERNATIONAL STANDARD

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Deuxième édition Second edition 2004-09

Batteries d'aéronefs -

Partie 3: Spécification de produit et déclaration de conception et de performance (DDP)

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International Electrotechnical Commission, 3, rue de Varembé, PO Box 131, CH-1211 Geneva 20, Switzerland Telephone: +41 22 919 02 11 Telefax: +41 22 919 03 00 E-mail: inmail@iec.ch Web: www.iec.ch



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INTERNATIONAL ELECTROTECHNICAL COMMISSION

AIRCRAFT BATTERIES –

Part 3: Product specification and declaration of design and performance (DDP)

FOREWORD

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International Standard IEC 60952-3 has been prepared by IEC technical committee 21: Secondary cells and batteries.

This second edition cancels and replaces the first edition published in 1993. This new edition now details the requirement for defining the declaration of performance and the detail of a specification between supplier and purchaser.

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

FDIS	Report on voting
21/613/FDIS	21/617/RVD

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

It is recognised that additional data may be required by other organisations (national standards bodies, AECMA, SAE etc.). The present standard can be used as a framework to devise tests for generation of the required data.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

IEC 60952 consists of the following parts, under the general title Aircraft batteries:

Part 1: General test requirements and performance levels

Part 2: Design and construction requirements

Part 3: Product specification and declaration of design and performance (DDP)¹⁾

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site under "http://webstore.iec.ch" in the data related to the specific publication. At this date, the publication will be

- · reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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The second edition of IEC 60952-3 (2004) replaces the first edition published in 1993 under the title: Aircraft bateries – Part 3: External electrical connectors

AIRCRAFT BATTERIES –

Part 3: Product specification and declaration of design and performance (DDP)

1 Scope

This part of IEC 60952 defines requirements for the product specification as well as procedures for a Declaration of Design and Performance (DDP) for nickel-cadmium and lead-acid aircraft batteries containing vented or valve-regulated cells or monoblocs. The batteries are used for both general purposes and specific aerospace applications.

The specific topics addressed in this part serve to establish acceptable quality standards required to qualify a battery as airworthy and are divided into two class (class I and II) as defined in Clause 3 of IEC 60952-1.

This part defines the above requirements and procedures for both class I and class II types.

The design construction and test requirements should conform to the requirements specified in IEC 60952-1 and IEC 60952-2 STANDARD PREVIEW

2 Normative references (standards.iteh.ai)

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 60952-1:2004, Aircraft batteries – Part 1: General test requirements and performance levels

ISO/TR 224, Aircraft – Declaration of design and performance for aircraft equipment – Standard form

3 Terms and definitions

Clause 3 of IEC 60952-1 is applicable.

4 Product specification

4.1 General requirements

A product specification is required for class I and class II batteries. Once accepted, by both the manufacturer and customer, the requirements of the product specification shall comply with the overall requirements of IEC 60952.