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Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Obsahuje: EN 60952-3:2013, IEC 60952-3:2013

Oznámením tejto normy sa od 13.8.2016 ruší
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rozmnožovať a rozširovať iba so súhlasom Úradu pre normalizáciu, metrológiu a skúšobníctvo SR.

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60952-3

October 2013

ICS 29.220.20; 49.060

Supersedes EN 60952-3:2004

English version

**Aircraft batteries -
Part 3: Product specification and declaration of design and performance
(DDP)
(IEC 60952-3:2013)**

Batteries d'aéronefs -
Partie 3: Spécification de produit et
déclaration de conception et de
performance (DDP)
(CEI 60952-3:2013)

Flugzeugbatterien -
Teil 3: Produktspezifikation und Erklärung
zu Entwurf und Leistung (DDP)
(IEC 60952-3:2013)

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

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Foreword

The text of document 21/805/FDIS, future edition 3 of IEC 60952-3, prepared by IEC/TC 21 "Secondary cells and batteries" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60952-3:2013.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2014-05-13
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2016-08-13

This document supersedes EN 60952-3:2004.

EN 60952-3:2013 includes the following significant technical changes with respect to EN 60952-3:2004:

Requirements for defining the declaration of performance and specification details between supplier and purchaser.

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Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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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 60952-1	2013	Aircraft batteries - Part 1: General test requirements and performance levels	EN 60952-1	2013
IEC 60952-2	2013	Aircraft batteries - Part 2: Design and construction requirements	EN 60952-2	2013
ISO/TR 224	-	Aircraft - Declaration of design and performance for aircraft equipment - Standard form	-	-



IEC 60952-3

Edition 3.0 2013-07

INTERNATIONAL STANDARD

NORME INTERNATIONALE

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

**Batteries d'aéronefs –
Partie 3: Spécification de produit et déclaration de conception et de performance
(DDP)**



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IEC 60952-3

Edition 3.0 2013-07

INTERNATIONAL STANDARD

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Aircraft batteries –

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

Batteries d'aéronefs –

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

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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 third edition cancels and replaces the second edition published in 2004. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition: requirements for defining the declaration of performance and specification details between supplier and purchaser.

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

FDIS	Report on voting
21/805/FDIS	21/816/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.

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

A list of all the parts in the IEC 60952 series, published under the general title *Aircraft batteries* can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the stability 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.

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 as defined in Clause 3 of IEC 60952-1:2013.

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

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.

2 Normative references

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

IEC 60952-1:2013, *Aircraft batteries – Part 1: General test requirements and performance levels*

IEC 60952-2:2013, *Aircraft batteries – Part 2: Design and construction requirements*

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