



SLOVENSKI STANDARD
SIST EN IEC 62932-2-2:2020

01-julij-2020

Sistemi pretočnih baterij za vgrajeno opremo - 2-2. del: Varnostne zahteve

Flow Battery Systems for Stationary applications - Part 2-2: Safety requirements

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Ta slovenski standard je istoveten z: EN IEC 62932-2-2:2020

[SIST EN IEC 62932-2-2:2020](https://standards.iteh.ai/catalog/standards/sist/48a0d4e2-c4da-43be-91d6-ae6c89dbc352/sist-en-iec-62932-2-2-2020)

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ICS:

29.220.99 Drugi členi in baterije Other cells and batteries

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EUROPEAN STANDARD

EN IEC 62932-2-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2020

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English Version

Flow battery energy systems for stationary applications - Part 2-2: Safety requirements (IEC 62932-2-2:2020)

Systèmes de production d'énergie de batteries
d'accumulateurs à circulation d'électrolyte pour applications
stationnaires - Partie 2-2: Exigences de sécurité
(IEC 62932-2-2:2020)

Flussbatterie-Systeme für stationäre Anwendungen - Teil 2-2: Sicherheitsanforderungen
(IEC 62932-2-2:2020)

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European Committee for Electrotechnical Standardization
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Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 62932-2-2:2020 (E)**European foreword**

The text of document 21/1029/FDIS, future edition 1 of IEC 62932-2-2, prepared by IEC/TC 21 "Secondary cells and batteries" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62932-2-2:2020.

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) 2020-12-24
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2023-03-24

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Endorsement notice

The text of the International Standard IEC 62932-2-2:2020 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

	<u>SIST EN IEC 62932-2-2:2020</u>	
	https://standards.iteh.ai/catalog/standards/sist/48a0d4e2-c4da-43be-91d6-ac6c89dbc352/sist-en-iec-62932-2-2-2020	
IEC 60529	NOTE	Harmonized as EN 60529
IEC 60664-1	NOTE	Harmonized as EN 60664-1
IEC 60721-3-2	NOTE	Harmonized as EN IEC 60721-3-2
IEC 60812	NOTE	Harmonized as EN IEC 60812
IEC 60900	NOTE	Harmonized as EN IEC 60900
IEC 61000 (series)	NOTE	Harmonized as EN 61000 (series)
IEC 61025	NOTE	Harmonized as EN 61025
IEC 61660-1	NOTE	Harmonized as EN 61660-1
IEC 61660-2	NOTE	Harmonized as EN 61660-2
IEC 61936-1	NOTE	Harmonized as EN 61936-1
IEC 62282-3-100	NOTE	Harmonized as EN 62282-3-100
IEC 62282-3-300	NOTE	Harmonized as EN 62282-3-300
IEC 62351 (series)	NOTE	Harmonized as EN 62351 (series)
IEC 62477-1	NOTE	Harmonized as EN 62477-1
IEC 62932-2-1	NOTE	Harmonized as EN IEC 62932-2-1 ¹
ISO 13850	NOTE	Harmonized as EN ISO 13850

¹ To be published. Stage at the time of publication: FprEN IEC 62932-2-1:2019.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60079-10-1	-	Explosive atmospheres - Part 10-1: Classification of areas - Explosive gas atmospheres	EN 60079-10-1	-
IEC 60364-4-41	-	Low-voltage electrical installations - Part 4-41: Protection for safety - Protection against electric shock	HD 60364-4-41	-
IEC 60364-4-43	-	Low-voltage electrical installations - Part 4-43: Protection for safety - Protection against overcurrent	HD 60364-4-43	-
IEC 60364-6	-	Low voltage electrical installations - Part 6: Verification	HD 60364-6	-
IEC 61936-1	-	Power installations exceeding 1 kV a.c. - Part 1: Common rules	EN 61936-1	-
IEC 62485-2	2010	Safety requirements for secondary batteries and battery installations - Part 2: Stationary batteries	EN IEC 62485-2	2018
IEC 62932-1	-	Flow battery energy systems for stationary applications - Part 1: Terminology and general aspects	-	-
ISO 7010	-	Graphical symbols - Safety colours and safety signs - Registered safety signs	-	-

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INTERNATIONAL STANDARD

**Flow battery energy systems for stationary applications –
Part 2-2: Safety requirements**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

FLOW BATTERY ENERGY SYSTEMS FOR STATIONARY APPLICATIONS –**Part 2-2: Safety requirements**

FOREWORD

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International Standard IEC 62932-2-2 has been prepared by IEC technical committee 21: Secondary cells and batteries, in collaboration with IEC technical committee 105: Fuel cell technologies.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
21/1029/FDIS	21/1035/RVD

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

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

A list of all parts in the IEC 62932 series, published under the general title *Flow battery energy systems for stationary applications*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

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

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