

Electrical energy storage (EES) systems - Part 2-1: Unit parameters and testing methods - General specification

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN IEC 62933-2-1:2018 sisaldab Euroopa standardi EN IEC 62933-2-1:2018 ingliskeelset teksti.	This Estonian standard EVS-EN IEC 62933-2-1:2018 consists of the English text of the European standard EN IEC 62933-2-1:2018.
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English Version

Electrical energy storage (EES) systems - Part 2-1: Unit parameters and testing methods - General specification (IEC 62933-2-1:2017)

Systèmes de stockage d'énergie électrique - Partie 2-1 :
Paramètres d'unité et méthodes d'essai - Spécification
générale
(IEC 62933-2-1:2017)

Elektrische Energiespeichersysteme - Teil 2-1:
Einheitsparameter und Prüfverfahren - Allgemeine
Festlegungen
(IEC 62933-2-1:2017)

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

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

European foreword

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

IEC 62620	NOTE	Harmonized as EN 62620.
IEC 62933-3-1 ¹	NOTE	Harmonized as EN 62933-3-1 ² .
IEC 60060-1	NOTE	Harmonized as EN 60060-1.
IEC 60068-2(series)	NOTE	Harmonized as EN 60068-2 (series).
IEC 60721-2-2	NOTE	Harmonized as EN 60721-2-2.
IEC 60721-2-4	NOTE	Harmonized as HD 478.2.4 S1.
IEC 60146-1-1	NOTE	Harmonized as EN 60146-1-1.
IEC 60146-1-3	NOTE	Harmonized as EN 60146-1-3.
IEC 60146-2	NOTE	Harmonized as EN 60146-2.
IEC 62109-1	NOTE	Harmonized as EN 62109-1.
IEC 62109-2	NOTE	Harmonized as EN 62109-2.
IEC 62116	NOTE	Harmonized as EN 62116.
IEC 62477-1:2012	NOTE	Harmonized as EN 62477-1:2012 (not modified).
IEC 62909-1	NOTE	Harmonized as EN 62909-1.
IEC 60947-1	NOTE	Harmonized as EN 60947-1.
IEC 60947-2	NOTE	Harmonized as EN 60947-2.
IEC 60947-3	NOTE	Harmonized as EN 60947-3.
IEC 60947-4-1	NOTE	Harmonized as EN 60947-4-1.
IEC 61439-1	NOTE	Harmonized as EN 61439-1.
IEC 61439-2	NOTE	Harmonized as EN 61439-2.
IEC 61439-3	NOTE	Harmonized as EN 61439-3.

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IEC 61439-5	NOTE	Harmonized as EN 61439-5.
IEC 61439-6	NOTE	Harmonized as EN 61439-6.
IEC 62271-1	NOTE	Harmonized as EN 62271-1.
IEC 62271-100	NOTE	Harmonized as EN 62271-100.
IEC 62271-102	NOTE	Harmonized as EN 62271-102.
IEC 62271-103	NOTE	Harmonized as EN 62271-103.
IEC 62271-105	NOTE	Harmonized as EN 62271-105.
IEC 62271-200	NOTE	Harmonized as EN 62271-200.
IEC 62271-202	NOTE	Harmonized as EN 62271-202.
IEC 60076-1	NOTE	Harmonized as EN 60076-1.
IEC 60076-2	NOTE	Harmonized as EN 60076-2.
IEC 60076-3	NOTE	Harmonized as EN 60076-3.
IEC 60076-5	NOTE	Harmonized as EN 60076-5.
IEC 60076-10	NOTE	Harmonized as EN 60076-10.
IEC 60076-11	NOTE	Harmonized as EN 60076-11.
IEC 60076-13	NOTE	Harmonized as EN 60076-13.
IEC 61558-1	NOTE	Harmonized as EN 61558-1.
IEC 60038	NOTE	Harmonized as EN 60038.
IEC 60071-1	NOTE	Harmonized as EN 60071-1.
IEC 60364-1	NOTE	Harmonized as HD 60364-1.
IEC 60364-4-41	NOTE	Harmonized as HD 60364-4-41.
IEC 60364-4-42	NOTE	Harmonized as HD 60364-4-42.
IEC 60364-4-43	NOTE	Harmonized as HD 60364-4-43.
IEC 60364-4-44	NOTE	Harmonized as HD 60364-4-442 and HD 60364-4-444.
IEC 60364-5-52	NOTE	Harmonized as HD 60364-5-52.
IEC 60364-5-53	NOTE	Harmonized as HD 60364-5-53.
IEC 60364-5-54	NOTE	Harmonized as HD 60364-5-54.
IEC 60364-7-712	NOTE	Harmonized as HD 60364-7-712.
IEC 62305-1	NOTE	Harmonized as EN 62305-1.
IEC 62305-2	NOTE	Harmonized as EN 62305-2.
IEC 62305-3	NOTE	Harmonized as EN 62305-3.
IEC 62305-4	NOTE	Harmonized as EN 62305-4.
IEC 62446-1	NOTE	Harmonized as EN 62446-1.
IEC 61672-1	NOTE	Harmonized as EN 61672-1.
IEC 61672-2	NOTE	Harmonized as EN 61672-2.
IEC 61000-2-2	NOTE	Harmonized as EN 61000-2-2.
IEC 61000-3-2	NOTE	Harmonized as EN 61000-3-2.
IEC 61000-3-3	NOTE	Harmonized as EN 61000-3-3.
IEC 61000-3-11	NOTE	Harmonized as EN 61000-3-11.
IEC 61000-3-12	NOTE	Harmonized as EN 61000-3-12.
IEC 61000-6-1	NOTE	Harmonized as EN 61000-6-1.
IEC 61000-6-2	NOTE	Harmonized as EN 61000-6-2.

IEC 61000-6-3	NOTE	Harmonized as EN 61000-6-3.
IEC 61000-6-5	NOTE	Harmonized as EN 61000-6-5.

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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 60364-6	-	Low-voltage electrical installations - Part 6: HD 60364-6 Verification		-
IEC 61000-4-7	-	Electromagnetic compatibility (EMC) -- Part 4-7: Testing and measurement techniques - General guide on harmonics and interharmonics measurements and instrumentation, for power supply systems and equipment connected thereto	EN 61000-4-7	-
IEC 61400-21	-	Wind turbines -- Part 21: Measurement and assessment of power quality characteristics of grid connected wind turbines	EN 61400-21	-
IEC TR 61850-90-7	-	Communication networks and systems for power utility automation - Part 90-7: Object models for power converters in distributed energy resources (DER) systems		-
IEC 61936-1	-	Power installations exceeding 1 kV a.c. -- Part 1: Common rules	EN 61936-1	-
IEC 62933-1 ³	-	Electrical energy storage (EES) systems -- Part 1: Vocabulary	EN 62933-1 ⁴	-

³ Under preparation. Stage at the time of publication: IEC FDIS 62933-1:2017.

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