



**NSAI**  
Standards

Irish Standard  
I.S. EN IEC 62933-2-1:2018

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

**I.S. EN IEC 62933-2-1:2018**

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

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*This document is based on:*

EN IEC 62933-2-1:2018

*Published:*

2018-03-09

*This document was published under the authority of the NSAI and comes into effect on:*

2018-03-27

ICS number:

NOTE: If blank see CEN/CENELEC cover page

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## National Foreword

I.S. EN IEC 62933-2-1:2018 is the adopted Irish version of the European Document EN IEC 62933-2-1:2018, Electrical energy storage (EES) systems - Part 2-1: Unit parameters and testing methods - General specification

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EUROPEAN STANDARD

**EN IEC 62933-2-1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2018

ICS 13.020.30

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

**EN IEC 62933-2-1:2018 (E)****European foreword**

The text of document 120/109/FDIS, future edition 1 of IEC 62933-2-1, prepared by IEC/TC 120 "Electrical energy storage (EES) systems" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62933-2-1:2018.

The following dates are fixed:

- latest date by which the document has to be (dop) 2018-10-17  
implemented at national level by  
publication of an identical national  
standard or by endorsement
- latest date by which the national (dow) 2021-01-17  
standards conflicting with the  
document have to be withdrawn

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The text of the International Standard IEC 62933-2-1:2017 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:

IEC 62620	NOTE	Harmonized as EN 62620.
IEC 62933-3-1 <sup>1</sup>	NOTE	Harmonized as EN 62933-3-1 <sup>2</sup> .
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.

<sup>1</sup> Under development. Stage at the time of publication: IEC CDM 62933-3-1:2017.

<sup>2</sup> Under development. Stage at the time of publication: prEN 62933-3-1:2016.

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