SLOVENSKI STANDARD
SIST EN IEC 61400-21-2:2023

01-julij-2023

Sistemi za proizvodnjo energije na veter - 21-2. del: Merjenje in ocenjevanje električnih karakteristik - Vetrne elektrarne (IEC 61400-21-2:2023)

Wind energy generation systems - Part 21-2: Measurement and assessment of electrical characteristics - Wind power plants (IEC 61400-21-2:2023)

Windenergieerzeugungsanlagen - Teil 21-2: Messung und Bewertung der elektrischen Kennwerte - Windkraftwerke (IEC 61400-21-2:2023)

Systèmes de génération d'énergie éolienne - Partie 21-2: Mesurage et évaluation des caractéristiques électriques - Centrales éoliennes (IEC 61400-21-2:2023)

Ta slovenski standard je istoveten z: **EN IEC 61400-21-2:2023**

ICS:

27.180	Vetrne elektrarne	Wind turbine energy systems

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EUROPEAN STANDARD

NORME EUROPÉENNE

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Wind energy generation systems - Part 21-2: Measurement and assessment of electrical characteristics - Wind power plants (IEC 61400-21-2:2023)

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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

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European foreword

The text of document 88/933/FDIS, future edition 1 of IEC 61400-21-2, prepared by IEC/TC 88 "Wind energy generation systems" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61400-21-2:2023.

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) 2024-02-03
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2026-05-03

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

IEC 60255 (series)	NOTE Approved as EN 60255 (series)
IEC 61000 (series)	NOTE Approved as EN IEC 61000 (series)
IEC 61000-4-7	NOTE Approved as EN 61000-4-7
IEC 61400-25 (series)	NOTE Approved as EN 61400-25 (series)
IEC 61400-25-1	NOTE Approved as EN 61400-25-1
IEC 61800-3	NOTE Approved as EN IEC 61800-3
IEC 61850-9-2	NOTE Approved as EN 61850-9-2
IEC 62008	NOTE Approved as EN 62008

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.cencenelec.eu.

Publication	Year	Title	EN/HD	Year
IEC 60038	-	IEC standard voltages	EN 60038	-
IEC 60255-121	2014	Measuring relays and protection equipment - Part 121: Functional requirements for distance protection	EN 60255-121	2014
IEC 60255-127	2010	Measuring relays and protection equipment - Part 127: Functional requirements for over/under voltage protection	EN 60255-127	2014
IEC 60255-151	2009	Measuring relays and protection equipment - Part 151: Functional requirements for over/under current protection	EN 60255-151	2009
IEC 60255-181	2019	Measuring relays and protection equipment - Part 181: Functional requirements for frequency protection	EN IEC 60255-181	2019
IEC/TR 61000-3-6	-	Electromagnetic compatibility (EMC) - Part 3-6: Limits - Assessment of emission limits for the connection of distorting installations to MV, HV and EHV power systems	-	-
IEC 61000-4-15	-	Electromagnetic compatibility (EMC) - Part 4-15: Testing and measurement techniques - Flickermeter - Functional and design specifications	EN 61000-4-15	-
IEC 61000-4-30	-	Electromagnetic compatibility (EMC) - Part 4-30: Testing and measurement techniques - Power quality measurement methods	EN 61000-4-30	-
IEC 61400-21-1	2019	Wind energy generation systems - Part 21-1: Measurement and assessment of electrical characteristics - Wind turbines	EN IEC 61400-21-1	2019
-	-		+ A11	2020
IEC 61400-27-1	-	Wind energy generation systems - Part 27-1: Electrical simulation models - Generic models	EN IEC 61400-27-1	-

IEC 61400-27-2	-	Wind energy generation systems - Part 27-2: Electrical simulation models - Model validation	EN IEC 61400-27-2	-
IEC 61869-2	-	Instrument transformers - Part 2: Additional requirements for current transformers	EN 61869-2	-
IEC 61869-3	-	Instrument transformers - Part 3: Additional requirements for inductive voltage transformers	EN 61869-3	-
IEC/IEEE 61850-9-3	-	Communication networks and systems for power utility automation - Part 9-3: Precision time protocol profile for power utility automation	-	-

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WIND ENERGY GENERATION SYSTEMS –

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FOREWORD

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IEC 61400-21-2 has been prepared by technical committee 88: Wind energy generation systems. It is an International Standard.

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

Draft	Report on voting
88/933/FDIS	88/943/RVD

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

The language used for the development of this International Standard is English.