

Uninterruptible power systems (UPS) - Part 5-3: DC
output UPS - Performance and test requirements

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 62040-5-3:2017 sisaldab Euroopa standardi EN 62040-5-3:2017 ingliskeelset teksti.	This Estonian standard EVS-EN 62040-5-3:2017 consists of the English text of the European standard EN 62040-5-3:2017.
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English Version

**Uninterruptible power systems (UPS) -
Part 5-3: DC output UPS - Performance and test requirements
(IEC 62040-5-3:2016)**

Alimentations sans interruption (ASI) -
Partie 5-3: ASI à tension de sortie continue - Performances
et exigences d'essai
(IEC 62040-5-3:2016)

Unterbrechungsfreie Stromversorgungssysteme (USV) -
Teil 5-3: USV mit Gleichstromausgang - Leistungs- und
Prüfungsanforderungen
(IEC 62040-5-3:2016)

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Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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European foreword

The text of document 22H/208/FDIS, future edition 1 of IEC 62040-5-3, prepared by SC 22H "Uninterruptible power systems (UPS)" of IEC/TC 22 "Power electronic systems and equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62040-5-3:2017.

The following dates are fixed:

- latest date by which the document has to be (dop) 2017-08-30
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In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60034-22	NOTE	Harmonized as EN 60034-22.
IEC 60068-1	NOTE	Harmonized as EN 60068-1.
IEC 60068-2 Series	NOTE	Harmonized as EN 60068-2 Series.
IEC 60068-2-5	NOTE	Harmonized as EN 60068-2-5.
IEC 60068-2-13	NOTE	Harmonized as EN 60068-2-13.
IEC 60068-3-3	NOTE	Harmonized as EN 60068-3-3.
IEC 60146-1-3:1991	NOTE	Harmonized as EN 60146-1-3:1993 (not modified).
IEC 60664-1	NOTE	Harmonized as EN 60664-1.
IEC 60721-3-3	NOTE	Harmonized as EN 60721-3-3.
IEC 60947-3	NOTE	Harmonized as EN 60947-3.
IEC 60947-6-1	NOTE	Harmonized as EN 60947-6-1.
IEC 60950-1	NOTE	Harmonized as EN 60950-1.
IEC 60990	NOTE	Harmonized as EN 60990.
IEC 61000-4-30	NOTE	Harmonized as EN 61000-4-30.
IEC 61508 Series	NOTE	Harmonized as EN 61508 Series.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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.

NOTE 1 When 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 60068-2-1	-	Environmental testing - Part 2-1: Tests - Test A: Cold	EN 60068-2-1	-
IEC 60068-2-2	-	Environmental testing - Part 2-2: Tests - Test B: Dry heat	EN 60068-2-2	-
IEC 60068-2-27	-	Environmental testing - Part 2-27: Tests - Test Ea and guidance: Shock	EN 60068-2-27	-
IEC 60068-2-31	-	Environmental testing - Part 2-31: Tests - Test Ec: Rough handling shocks, primarily for equipment-type specimens	EN 60068-2-31	-
IEC 60068-2-78	-	Environmental testing - Part 2-78: Tests - Test Cab: Damp heat, steady state	EN 60068-2-78	-
IEC 60146-1-1	2009	Semiconductor converters - General requirements and line commutated converters - Part 1-1: Specification of basic requirements	EN 60146-1-1	2010
IEC 60146-2	1999	Semiconductor converters - Part 2: Self-commutated semiconductor converters including direct d.c. converters	EN 60146-2	2000
IEC 60364-1 (mod)	2005	Low-voltage electrical installations - Part 1: Fundamental principles, assessment of general characteristics, definitions	HD 60364-1	2008
IEC/TR 60721-4-3	-	Classification of environmental conditions - - Part 4-3: Guidance for the correlation and transformation of environmental condition classes of IEC 60721-3 to the environmental tests of IEC 60068 - Stationary use at weatherprotected locations		-

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61000-2-2	2002	Electromagnetic compatibility (EMC) - Part 2-2: Environment - Compatibility levels for low-frequency conducted disturbances and signalling in public low-voltage power supply systems	EN 61000-2-2	2002
IEC 61672-1	-	Electroacoustics - Sound level meters - Part 1: Specifications	EN 61672-1	-
IEC 62040-1	-	Uninterruptible Power Systems (UPS) - Part 1: General and safety requirements for UPS	EN 62040-1	-
IEC 62040-2	-	Uninterruptible power systems (UPS) - Part 2: Electromagnetic compatibility (EMC) requirements	EN 62040-2	-
ISO 7779	-	Acoustics - Measurement of airborne noise emitted by information technology and telecommunications equipment	EN ISO 7779	-

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