

SLOVENSKI STANDARD SIST EN 62040-4:2014

01-maj-2014

Sistemi z neprekinjenim napajanjem (UPS) - 4. del: Okoljski vidiki - Zahteve in poročanje (IEC 62040-4:2013)			
Uninterruptible power systems (UPS) - Part 4: Environmental aspects - Requirements and reporting			
Unterbrechungsfreie Stromversorgungssysteme (USV) - Teil 4: Umweltaspekte - Anforderungen und Berichterstattung NDARD PREVIEW			
Alimentations sans interruption (ASI) - Partie 4: Aspects environementaux - Exigences et déclaration <u>SIST EN 62040-4:2014</u> https://standards.iteh.ai/catalog/standards/sist/f78895a3-3512-4e35-872f-			
Ta slovenski standard je istoveten z: EN 62040-4-2014			

<u>ICS:</u>

13.020.01	Okolje in varstvo okolja na splošno	Environment and environmental protection in general
29.200	Usmerniki. Pretvorniki. Stabilizirano električno napajanje	Rectifiers. Convertors. Stabilized power supply

SIST EN 62040-4:2014

en



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EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

EN 62040-4

September 2013

ICS 13.020.99; 29.200

English version

Uninterruptible power systems (UPS) -Part 4: Environmental aspects -Requirements and reporting (IEC 62040-4:2013)

Alimentations sans interruption (ASI) -Partie 4: Aspects environnementaux -Exigences et déclaration (CEI 62040-4:2013) Unterbrechungsfreie Stromversorgungssysteme (USV) -Teil 4: Umweltaspekte -Anforderungen und Berichterstattung (IEC 62040-4:2013)

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ea1f221b7ebd/sist-en-62040-4-2014

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B - 1000 Brussels

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Foreword

The text of document 22H/157/FDIS, future edition 1 of IEC 62040-4, 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 62040-4:2013.

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)	2014-03-27
•	latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2016-06-03

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Endorsement notice

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

IEC 62040-1:2008	NOTE	Harmonised as EN 62040-1:2008 + A1:2013 (not modified).
+ A1:2013 htt	ps://standar	rds.iteh.ai/catalog/standards/sist/f78895a3-3512-4e35-872f-

		aa1f221b7abd/aist on 62040 4 2014
IEC 62040-2:2005	NOTE	Harmonised as EN 62040-2:2006 (not modified).
IEC 62310-1:2005	NOTE	Harmonised as EN 62310-1:2005 (not modified).
IEC 62310-2:2006	NOTE	Harmonised as EN 62310-2:2007 (modified).
IEC 62310-3:2008	NOTE	Harmonised as EN 62310-3:2008 (not modified).
IEC 62430:2009	NOTE	Harmonised as EN 62430:2009 (not modified).
IEC 62535:2008	NOTE	Harmonised as EN 62535:2009 (not modified).
ISO 9000:2000	NOTE	Harmonised as EN ISO 9000:2000 (not modified).
ISO 14001:2004	NOTE	Harmonised as EN ISO 14001:2004 (not modified).
ISO 14020:2000	NOTE	Harmonised as EN ISO 14020:2001 (not modified).
ISO 14024:1999	NOTE	Harmonised as EN ISO 14024:2000 (not modified).
ISO 14040:2006	NOTE	Harmonised as EN ISO 14040:2006 (not modified).
ISO 14064-1	NOTE	Harmonised as EN ISO 14064-1.

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 When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

Publication	<u>Year</u>	Title	<u>EN/HD</u>	<u>Year</u>
IEC 62040-3	2011	Uninterruptible power systems (UPS) - Part 3: Method of specifying the performance and test requirements	EN 62040-3	2011
IEC 62474	2012	Material declaration for products of and for the electrotechnical industry	EN 62474	2012

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Uninterruptible power systems (UPS) ARD PREVIEW Part 4: Environmental aspects – Requirements and reporting

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

COMMISSION ELECTROTECHNIQUE INTERNATIONALE

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CONTENTS

- 2 -

FO	REWC)RD		3
INT	RODI	JCTION		5
1	Scop	e		6
2	Norm	ative re	ferences	6
3	Term	s and de	efinitions	6
4	Proce	ess of de	eclaring the environmental aspects of a UPS	9
	4.1	Genera	al	9
	4.2	Outcon	ne	10
5	Requ	irement	s	10
	5.1	Genera	al	10
	5.2	Essent	ial requirements	10
		5.2.1	General	10
		5.2.2	Information about the producer	10
		5.2.3	Description of the product and its packaging	10
		5.2.4	Substances (criterion 1)	11
		5.2.5	Use phase	11
		5.2.6	End of life	
	5.3	Variatio	on of requirements ANDARD PREVIEW	12
		5.3.1	General	12
		5.3.2	Additional requirementslands.iteh.ai)	
		5.3.3	Relaxation of requirements	
	5.4	Require	ements under consideration 62040-4:2014	12
Anr	iex A	(normat	ive) th Declaration of essential requirements ^{3-3512-4e35-872f-} eal f221b7ebd/sist-en-62040-4-2014 ative) Declaration for additional requirements	13
Anr	iex B	(informa	ative) Declaration for additional requirements	14
Anr	nex C	(informa	ative) Environmental aspects under consideration	15
Bib	liogra	ohy		16
Tab	ole 1 –	Classif	ication of environmental aspects	10
Tab	Table A.1 – Declaration format for essential requirements 13			
Tab	le B.1	– Decla	aration format for additional requirements	14

INTERNATIONAL ELECTROTECHNICAL COMMISSION

UNINTERRUPTIBLE POWER SYSTEMS (UPS) -

Part 4: Environmental aspects – Requirements and reporting

FOREWORD

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International Standard IEC 62040-4 has been prepared by subcommittee 22H: Uninterruptible power systems (UPS), of IEC technical committee 22: Power electronic systems and equipment.

The text of this standard is based on the following documents:

FDIS	Report on voting
22H/157/FDIS	22H/162/RVD

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

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

A list of all parts in the IEC 62040 series, published under the general title *Uninterruptible power systems*, can be found on the IEC website.

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

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

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INTRODUCTION

The publication of this product standard for environmental information of UPS is intended to become a reference document for regulators, manufacturers, purchasers, certifying bodies and users, so that the goal of promoting reduction of the environmental impact during a complete UPS life cycle is achieved.

This standard provides assistance to:

- determine essential environmental parts of environmental standards, regulations, code of conducts, agreements, and other requirements applicable to UPS to ensure compliance and avoid need of interpretation,
- respond to customer requirements by communicating environmental information in a standardized way,
- minimize reporting requirements by focusing on main applicable environmental requirements,
- anticipate upcoming environmental regulations and environmental programs applicable to UPS by proposing a standard that provides compliance requirements,
- standardize the transmission of environmental information in the supply chain,
- report and communicate environmental information to be used as a reference for measuring environmental progress between one generation of product and the next.

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