



SLOVENSKI STANDARD
SIST EN IEC 62040-1:2019/oprA1:2020
01-september-2020

Sistemi z neprekinjenim napajanjem (UPS) - 1. del: Varnostne zahteve

Uninterruptible power systems (UPS) - Part 1: Safety requirements

Unterbrechungsfreie Stromversorgungssysteme (USV) - Teil 1:
Sicherheitsanforderungen

Alimentations sans interruption (ASI) - Partie 1: Exigences de sécurité

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Ta slovenski standard je istoveten z: EN IEC 62040-1:2019/prA1:2020

[SIST EN IEC 62040-1:2019/oprA1:2020](https://standards.iteh.ai/catalog/standards/sist/bd161479-5905-499a-887a-9c69db9a7b8c/sist-en-iec-62040-1-2019-opra1-2020)

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ICS:

29.200

Usmerniki. Pretvorniki.
Stabilizirano električno
napajanje

Rectifiers. Convertors.
Stabilized power supply

SIST EN IEC 62040-1:2019/oprA1:2020 en,fr,de

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22H/262/CDV

COMMITTEE DRAFT FOR VOTE (CDV)

PROJECT NUMBER: IEC 62040-1/AMD1 ED2	
DATE OF CIRCULATION: 2020-06-19	CLOSING DATE FOR VOTING: 2020-09-11
SUPERSEDES DOCUMENTS: 22H/259/CD, 22H/261/CC	

IEC SC 22H : UNINTERRUPTIBLE POWER SYSTEMS (UPS)	
SECRETARIAT: France	SECRETARY: Mr Eric Brun
OF INTEREST TO THE FOLLOWING COMMITTEES:	PROPOSED HORIZONTAL STANDARD: <input type="checkbox"/> Other TC/SCs are requested to indicate their interest, if any, in this CDV to the secretary.
FUNCTIONS CONCERNED: <input type="checkbox"/> EMC <input type="checkbox"/> ENVIRONMENT <input type="checkbox"/> QUALITY ASSURANCE <input checked="" type="checkbox"/> SAFETY	
<input checked="" type="checkbox"/> SUBMITTED FOR CENELEC PARALLEL VOTING	<input type="checkbox"/> NOT SUBMITTED FOR CENELEC PARALLEL VOTING
<p>Attention IEC-CENELEC parallel voting</p> <p>The attention of IEC National Committees members of CENELEC, is drawn to the fact that this Committee Draft for Vote (CDV) is submitted for parallel voting.</p> <p>The CENELEC members are invited to vote through the CENELEC online voting system.</p>	

This document is still under study and subject to change. It should not be used for reference purposes.

Recipients of this document are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

TITLE:

Uninterruptible power systems (UPS) - Part 1: Safety requirements

PROPOSED STABILITY DATE: 2023

NOTE FROM TC/SC OFFICERS:

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FOREWORD

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4 This amendment has been prepared by subcommittee 22H: Uninterruptible power systems (UPS), of IEC
5 technical committee 22: Power electronic systems and equipment.

6 The text of this amendment is based on the following documents:

FDIS	Report on voting
22H/XX/FDIS	22H/XX/RVD

7
8 Full information on the voting for the approval of this amendment can be found in the report on voting
9 indicated in the above table.

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

- 13 • reconfirmed,
14 • withdrawn,
15 • replaced by a revised edition, or
16 • amended.

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19

20 *Add following new subclause:*

21

22 **“4.6.3.2 Flammability of enclosure materials**

23 Subclause 4.6.3.2 in IEC 62477-1: 2012 applies, except as follows:

24

25 *Modify the second paragraph as follows*

26

27 Materials are considered to comply without test if, in the minimum thickness used, the material is of flammability
28 class 5VB or better, according to IEC 60695-11-20.

29

30 *Add the following text after the second paragraph*

31

32 For movable **UPS devices** having a total mass not exceeding 18 kg, materials are considered to comply without
33 test if, the minimum thickness used, and the material is of flammability class of V-1 or better, according to IEC
34 60695-11-10.”

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