

ADOPTION PROPOSAL FORM

CPR183/F15

KENYA BUREAU OF STANDARDS

Document Type:	Adoption proposal	
Dates:	Circulation date 2022-03-08	Closing date 2022-04-08
TC Secretary	This form shall be filled, signed and returned to Kenya Bureau of Standards for the attention of Zacheus Mwatha (zimwatha@kebs.org)	

The Kenya Bureau of Standards intends to adopt the International Standards as detailed in the attached list (**Table 1**).

We are therefore seeking views from potential users in respect of the same. The Standards are available at the Kenya Bureau of Standards Information Centre. Please tick and fill your preference of the listed options (**Table 2**), if there are varying options, otherwise where one option applies to all the three (3) proposed standards tick below. (If the spaces provided are not enough, please complete **Table 3**).

Adoption acceptable as presented

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Adoption proposal not acceptable because of the reason(s) below

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Our Recommendations are as follows (indicate against each standard in table 2)

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.....
...

Name and Signature (of respondent):

Position (of respondent):

On behalf of (Name of organization)

Date

NOTE: Absence of any reply or comments shall be deemed to be an acceptance of the proposal for adoption and **shall constitute an approval vote.**

Table 1 – Detailed information of each standard

S/No.	IS NO.	TITLE AND SCOPE
1.	IEC 62040-1:2017+AMD1:2021	<p>Title: Uninterruptible power systems (UPS) – Part 1: Safety requirements</p> <p>Scope/Abstract: <i>This part of IEC 62040 applies to movable, stationary, fixed or built-in UPS for use in lowvoltage distribution systems and that are intended to be installed in an area accessible by an ordinary person or in a restricted access area as applicable, that deliver fixed frequency AC output voltage with port voltages not exceeding 1 000 V AC or 1 500 V DC and that include an energy storage device. It applies to pluggable and to permanently connected UPS, whether consisting of a system of interconnected units or of independent units, subject to installing, operating and maintaining the UPS in the manner prescribed by the manufacturer.</i></p> <p>Hyperlink: info_iec62040-1{ed2.1}en.pdf</p> <p>This standard withdraws and replaces KS IEC 62040-1-1:2002 & 62040-1-2:2002</p>
2.	IEC 62040-2:2016	<p>Title: Uninterruptible power systems (UPS) – Part 2: Electromagnetic compatibility (EMC) requirements</p> <p>Scope/Abstract: <i>This part of IEC 62040 is a type test product standard for electromagnetic compatibility (EMC) and applies to movable, stationary, fixed or built-in, pluggable and permanently connected UPS for use in low-voltage distribution systems with an environment being either residential, commercial, light industrial or industrial, which deliver output voltage with port voltages not exceeding 1 500 V DC or 1 000 V AC and which include an energy storage device.</i></p> <p><i>Subject to installing, operating and maintaining the UPS in the manner prescribed by the manufacturer, this standard defines emission limits, immunity levels, test methods and performance criteria for a complete UPS to comply with the essential EMC requirements necessary to avoid the UPS interfering with other apparatus, e.g. radio receivers, and to avoid the UPS being affected by external phenomena.</i></p> <p><i>This standard does not address EMC phenomena produced by loads connected to the UPS or situations created by any apparatus external to the UPS other than as described in the immunity requirements.</i></p> <p><i>This standard is harmonized with applicable IEC standards for electromagnetic emission limits and immunity levels. It contains additional requirements applicable to UPS.</i></p> <p>Hyperlink: info_iec62040-2{ed3.0.RLV}en.pdf</p> <p>This standard withdraws and replaces KS IEC 62040-2:1999</p>

3.	IEC 62040-3:2021	<p>Title: Uninterruptible power systems (UPS) – Part 3: Method of specifying the performance and test requirements</p> <p>Scope/Abstract: <i>This part of IEC 62040 establishes the performance and test requirements applied to movable, stationary and fixed electronic uninterruptible power systems (UPS) that</i></p> <ul style="list-style-type: none"> • <i>are supplied from AC voltage not exceeding 1 000 V,</i> • <i>deliver AC output voltage not exceeding 1 000 V,</i> • <i>incorporate an energy storage device not exceeding 1 500 V DC, and</i> • <i>have a primary function to ensure continuity of load power.</i> <p><i>This document specifies performance and test requirements of a complete UPS and, where applicable, of individual UPS functional units. Requirements for the individual UPS functional units found in IEC publications listed in the Bibliography apply so far that they are not in contradiction with this document.</i></p> <p>Hyperlink: info_iec62040-3{ed3.0}b.pdf</p> <p>This standard withdraws and replaces KS IEC 62040-3:1999</p>
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Table 2 – Preferred option(s) and recommendation(s) where different options are recommended

S/No.	Standard Number	Our preferred option		Reasons the adoption proposal is not acceptable with preferred recommendation(s) (mandatory)
		Adoption acceptable as presented	Adoption proposal not acceptable because of the reason(s)	Our Recommendations are as follows (cite specific clauses and wording preferred)
1.	IEC 62040-1:2017+AMD1:2021			
2.	IEC 62040-2:2016			
3.	IEC 62040-3:2021			

Name and Signature (of respondent):

Position (of respondent):

On behalf of (Name of organization)

Date

NOTE: Absence of any reply or comments shall be deemed to be an acceptance of the proposal for adoption and **shall constitute an approval vote.**

COMMENTS

CPR 183/F12

Title:	IEC 62040, Uninterruptible power systems (UPS) (Part 1,2,3)	
Document Type:	Adoption proposal	
Dates:	Circulation date	Closing date
	2022-03-08	2022-04-08
Recipient	This form shall be filled, signed and returned to Kenya Bureau of Standards for the attention of Zacheus Mwatha (zimwatha@kebs.org)	

Organization	Clause	Paragraph/ Figure/Table	Type of comment (General/Technical /Editorial)	COMMENTS	Proposed Change