

INTERNATIONAL STANDARD

AMENDMENT 1

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

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UNINTERRUPTIBLE POWER SYSTEMS (UPS) –

Part 1: Safety requirements

AMENDMENT 1

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Amendment 1 to IEC 62040-1:2017 has been prepared by subcommittee 22H: Uninterruptible power systems (UPS), of IEC technical committee 22: Power electronic systems and equipment.

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

FDIS	Report on voting
22H/269/FDIS	22H/271/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 Amendment is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications/.

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- replaced by a revised edition, or
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Add, after the existing text of 4.6.3.1, the following new subclause:

4.6.3.2 Flammability of enclosure materials

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

Replace the second paragraph with the following new paragraph:

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

Add, after the second paragraph, the following new paragraph:

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

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