

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Uninterruptible power systems (UPS) –  
Part 3: Method of specifying the performance and test requirements**

**Alimentations sans interruption (ASI) –  
Partie 3: Méthode de spécification des performances et exigences d'essais**



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Withdrawn

## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## UNINTERRUPTIBLE POWER SYSTEMS (UPS) –

## Part 3: Method of specifying the performance and test requirements

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International Standard IEC 62040-3 has been prepared by subcommittee 22H: Uninterruptible power systems (UPS), of IEC technical committee 22: Power electronic systems and equipment.

This second edition cancels and replaces first edition published in 1999 and constitutes a technical revision. The significant technical changes are:

- reference test load – definition and application revised (3.3.5 and 6.1.1.3);
- test schedule – presented as a single table grouped by revised type and routine tests (see 6.1.6, Table 3);
- dynamic output voltage performance characteristics – guidance to measure – addition (Annex H);
- UPS efficiency – requirements and methods of measure – addition (Annexes I and J);
- functional availability – guidance for UPS reliability integrity level classification – addition (Annex K).

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

FDIS	Report on voting
22H/129/FDIS	22H/133A/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.

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The contents of the corrigendum of September 2011 have been included in this copy.