

Australian Standard™

Uninterruptible power systems (UPS)

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

This Australian Standard was prepared by Committee EL-027, Power Electronics. It was approved on behalf of the Council of Standards Australia on 15 November 2002 and published on 17 December 2002.

The following are represented on Committee EL-027:

Australian Communications Authority
Australian Electrical and Electronic Manufacturers Association
Bureau of Steel Manufacturers of Australia
Electricity Supply Association of Australia
Monash University
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Uninterruptible power systems (UPS)

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performance and test requirements**

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PREFACE

This Standard was prepared by the Standards Australia Committee EL-027, *Power Electronics*. *This Standard incorporates Amendment No. 1 (August 2003). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.*

The objective of this Standard is to provide manufacturers, designers and users with a means of specifying uninterruptible power supply systems.

This Standard has been reproduced from, and is technically identical to, IEC 62040-3:1999, *Uninterruptible power systems (UPS) Part 3: Method of specifying the performance and test requirements*.

A1 | IEC 62040-3:1999 contained errors in Figures 4 and F.3 and Annex E and, after consultation with the IEC Committee, these errors have been corrected. In addition, notes have been added to some clauses to assist users of this Standard.

Variations to IEC 62040-3:1999 are indicated at the appropriate places throughout this standard. Strikethrough (~~example~~) identifies IEC text, tables and figures which, for the purposes of this Australian Standard, are deleted. Where text, tables or figures are added, each is set in its proper place and identified by shading (~~example~~). Added figures are not themselves shaded, but are identified by a shaded border.

The terms ‘normative’ and ‘informative’ are used to define the application of the annex to which they apply. A normative annex is an integral part of a standard, whereas an informative annex is only for information and guidance.

In this Standard, the following print types are used:

- requirements proper: in arial type;
- explanatory matter: in smaller arial type.

As this Standard is reproduced from an International Standard, the following applies:

- (a) Its number does not appear on each page of text and its identity is shown only on the cover and title page.
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- (c) A full point should be substituted for a comma when referring to a decimal marker.

CONTENTS

	<i>Page</i>
1 Scope and object.....	1
2 Normative references	2
3 Terms and definitions	4
3.1 Systems and components.....	4
3.2 Performance of systems and components	7
3.3 Specified values – General.....	13
3.4 Input values.....	16
3.5 Output values	17
4 General ambient service conditions	19
4.1 Normal environmental and climatic service conditions	19
4.1.1 Altitude.....	20
4.1.2 Ambient service temperature	20
4.1.3 Relative humidity	20
4.1.4 Ambient storage and transportation conditions	20
4.2 Unusual service conditions to be identified by the purchaser	21
4.2.1 Environmental conditions to be identified.....	21
4.2.2 Mechanical conditions to be identified	21
5 Electrical service conditions and performance	21
5.1 General - All UPS.....	21
5.1.1 UPS configurations.....	21
5.1.2 Equipment markings and instructions	22
5.1.3 Equipment safety.....	24
5.2 UPS input specifications.....	24
5.2.1 Normal service conditions.....	24
5.2.2 Rated values and characteristics	25
5.2.3 UPS input conditions to be identified by the purchaser	26
5.3 UPS output specifications.....	26
5.3.1 Steady-state and dynamic output voltage characteristics	26
5.3.2 Rated output values and characteristics	29
5.3.3 Single UPS and parallel UPS with bypass.....	30
5.3.4 Performance requirements to be identified by the purchaser.....	30
5.4 UPS intermediate d.c. circuit and/or battery circuit specification	31
5.5 UPS switches, rated values and performance	31
5.5.1 General	31
5.5.2 UPS switches	32
5.6 Redundant and parallel UPS systems (refer to annex A)	32
5.6.1 Standby redundant UPS	32
5.6.2 Parallel redundant UPS	32
5.7 Electromagnetic compatibility	33
5.8 Signalling circuits	33

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