

INTERNATIONAL STANDARD

NORME INTERNATIONALE



Desktop and notebook computers – Measurement of energy consumption

Ordinateurs de bureau et ordinateurs portables – Mesurage de la consommation d'énergie



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CONTENTS

FOREWORD.....	5
INTRODUCTION.....	7
1 Scope.....	8
2 Normative references	8
3 Terms, definitions and abbreviations	8
3.1 Terms and definitions.....	8
3.2 Abbreviated terms.....	11
4 Specifications for EUT	12
4.1 Computer descriptions	12
4.1.1 Desktop computer.....	12
4.1.2 Notebook computer	12
4.1.3 Two-in-one notebook	12
4.1.4 Multiscreen notebook.....	13
4.1.5 Slate/Tablet.....	13
4.1.6 Portable all-in-one computer	13
4.1.7 Integrated desktop computer	13
4.2 Power modes	13
4.2.1 Off mode	13
4.2.2 P_{off}	14
4.2.3 Sleep mode	14
4.2.4 P_{sleep}	14
4.2.5 P_{sleepWoL}	14
4.2.6 Alternative low power mode	14
4.2.7 P_{alpm}	14
4.2.8 On mode.....	14
4.2.9 P_{on}	14
4.2.10 Idle modes.....	14
4.2.11 Active (work) mode	15
4.2.12 P_{work}	15
4.3 Profile attributes	15
4.3.1 Profile.....	15
4.3.2 Majority profile.....	16
4.3.3 Minority profile.....	16
4.3.4 Profile study	16
4.3.5 Product active power ratio	16
4.3.6 PAPR	16
4.3.7 PAWR.....	16
4.3.8 Product TEC error	16
4.3.9 Profile TEC error	16
4.4 Categorisation attributes	16
4.4.1 General	16
4.4.2 Cores	17
4.4.3 Expandability score (ES)	17
4.4.4 Performance score	17
4.4.5 Graphics capability	17

4.4.6	TEC adders	17
5	Test procedure and conditions, categorisation, TEC formula, meter specifications and results reporting.....	17
5.1	General.....	17
5.2	Test setup.....	17
5.3	Test procedure.....	20
5.3.1	General	20
5.3.2	Measuring off mode	20
5.3.3	Measuring sleep mode.....	20
5.3.4	Measuring alternative low power mode	20
5.3.5	Measuring long idle mode.....	21
5.3.6	Measuring short idle mode.....	21
5.3.7	Measuring active power mode (optional, see 5.6)	22
5.4	Test conditions	22
5.5	Categorisation	22
5.5.1	General	22
5.5.2	TEC adders	23
5.6	Annualised energy consumption formulas	23
5.6.1	General	23
5.6.2	Estimated annualised energy consumption formula (estimated active workload).....	23
5.6.3	Measured annualised energy consumption formula (with an active workload).....	24
5.6.4	Criteria for an active workload	25
5.7	True RMS watt meter specification.....	26
5.8	True RMS watt meter accuracy	27
5.9	Ambient light meter specification.....	28
5.10	Reporting of results.....	28
Annex A (informative)	Overview of profile methodology.....	31
Annex B (informative)	Majority profile	33
Annex C (informative)	Method for conducting a profile study	34
C.1	General.....	34
C.2	Profile study example.....	34
Annex D (informative)	Sample TEC calculations	38
D.1	General.....	38
D.2	Notebook computer example.....	38
D.3	Desktop computer example.....	39
Annex E (informative)	Power measurement methodology.....	40
E.1	General.....	40
E.2	Sampling method	40
E.3	Average reading method	41
E.4	Direct meter reading method	42
Bibliography	44
Figure 1	– Typical test setup.....	19
Figure 2	– Example of estimated annualised energy consumption formula (estimated active workload).....	24
Figure 3	– Measured annualised energy consumption formula (with an active workload).....	25

Figure A.1 – Example of a typical profile 31

Table 1 – External display connection priority 18

Table 2 – Test conditions 22

Table 3 – Ambient light meter specifications 28

Table B.1 – Duty cycle attributes for the enterprise and residential majority profile duty cycle study 33

Table C.1 – Profile study 1 35

Table C.2 – Profile study, duty cycles 35

Table C.3 – Profile study, TEC_{actual} and $TEC_{estimated}$ calculations 36

INTERNATIONAL ELECTROTECHNICAL COMMISSION

**DESKTOP AND NOTEBOOK COMPUTERS –
MEASUREMENT OF ENERGY CONSUMPTION**

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IEC 62623 has been prepared by technical area 19: Environmental and energy aspects for multimedia systems and equipment, of IEC technical committee 100: Audio, video and multimedia systems and equipment. It is an International Standard.

This second edition cancels and replaces the first edition published in 2012. This edition constitutes a technical revision.

The first edition of this standard was originally based on ECMA-383.

This edition includes the following significant technical changes with respect to the previous edition:

- a) Additions to terms & definitions and modification to short & long idle descriptions.
- b) Test setup modifications for notebooks where battery pack cannot be removed for testing.
- c) Categorisation procedure based on ECMA-389 removed.
- d) Replace majority profile with new duty cycle study including new duty cycle attributes for desktop and notebook in a residential and enterprise application.
- e) Removal of any reference and test methodology to ENERGY STAR V5.

The text of this International Standard is based on the following documents:

Draft	Report on voting
100/3583/CDV	100/3669/RVC

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 International Standard 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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