

Australian/New Zealand Standard™

Power consumption of audio, video and related equipment

Part 2.2: Minimum energy performance standards (MEPS) and energy rating label requirements for television sets



AS/NZS 62087.2.2:2010

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee TE-001, Safety of Electronic Equipment. It was approved on behalf of the Council of Standards Australia on 19 January 2010 and on behalf of the Council of Standards New Zealand on 29 January 2010.
This Standard was published on 22 February 2010.

The following are represented on Committee TE-001:

Australian Chamber of Commerce and Industry
Australian Communications and Media Authority
Australian Industry Group
Australian Information Industry Association
Australian Subscription Television and Radio Association
CHOICE
Certification Interests, New Zealand
Consumer Electronics Association of New Zealand
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First published as AS/NZS 62087.2.2(Int.):2009.
Second edition 2010.

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Jointly published by Standards Australia, GPO Box 476, Sydney, NSW 2001 and Standards New Zealand, Private Bag 2439, Wellington 6140

ISBN 0 7337 9367 3

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Technical Committee TE-001, Safety of Electronic Equipment, to supersede AS/NZS 62087.2.2(Int.):2009, four months from the date of publication. During this four month period either AS/NZS 62087.2.2(Int.):2009 or this Standard may be used for regulatory purposes in both Australia and New Zealand.

The objective of this Standard is to provide designers, manufacturers, importers, test laboratories, regulators and users of mains-operated television sets with minimum energy performance standards (MEPS) and energy rating label requirements for these devices.

In Australia, the energy labelling and MEPS requirements set out in this Standard are intended to be in force no earlier than 1 October 2009. Television sets that are imported into Australia or manufactured in Australia beyond the effective date, and do not comply with the requirements of this Standard, will be deemed non-compliant and may not be permitted to be sold in Australia. Information can be found at <http://www.energyrating.gov.au> website.

MEPS are implemented in two tiers. Tier 1 MEPS will apply to all television sets imported into Australia on or after 1 October 2009.

Regulatory Authorities have advised it is intended that Tier 2 MEPS will apply to all television sets imported into Australia on or after 1 October 2012, subject to a regulatory impact assessment process.

This Standard was prepared in response to the publication in 2008 of a plan for the regulation of television sets formulated by the Equipment Energy Efficiency Committee. It is published with the approval of Australian and New Zealand regulatory authorities and is structured to be suitable for reference in regulations. It refers to AS/NZS 62087.1:2009 for test procedures.

This series, when complete, will consist of the following parts:

AS/NZS

62087	Power consumption of audio, video and related equipment
62087.1	Part 1: Methods of measurement
62087.2.1	Part 2.1: Minimum energy performance standards (MEPS) requirements for digital television set top boxes
62087.2.2	Part 2.2: Minimum energy performance standards (MEPS) and energy rating label requirements for television sets (this Standard)

The terms 'normative' and 'informative' are used in this Standard to define the application of the appendix to which they apply. A normative appendix is an integral part of a Standard, whereas an informative appendix is only for information and guidance.

Statements expressed in mandatory terms in notes to figures are deemed to be requirements of this Standard. 'Shall' indicates that a requirement is mandatory, while 'should' indicates a recommendation.

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STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

Australian/New Zealand Standard

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SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies minimum energy performance standards (MEPS) and energy rating label requirements for television sets as defined in AS/NZS 62087.1.

1.2 EXCLUSIONS

This Standard does not apply to the following:

- (a) Handheld television sets powered solely from batteries. This includes handheld televisions that have provision for connection to the mains for the sole purpose of charging the batteries. It does not include handheld televisions that have provision for connection to the mains that powers the televisions when the batteries are charging, fully charged or not present.
- (b) Television display devices that do not have a television tuner and are not sold in a modular form.
- (c) Front or rear projection display devices.

This Standard does not specify electrical safety requirements.

Appliances sold in a modular form are 'television sets' for the purpose of this Standard and are subject to the MEPS and labelling requirements, e.g. display devices and an external tuner.

1.3 APPLICATION

This Standard shall be read in conjunction with AS/NZS 62087.1.

1.4 NORMATIVE REFERENCES

The following normative documents contain provisions that, through reference in this text, constitute provisions of this Standard:

AS	
2706	Numerical values—Rounding and interpretation of limiting values
AS/NZS	
62087	Power consumption of audio, video and related equipment
62087.1	Part 1: Methods of measurement
4665	Performance of external power supplies
IEC	
60050-300	International Electrotechnical Vocabulary—Electrical and electronic measurements and measuring instruments