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AS 62053.21:2018

Australian STANDARD

Electricity metering equipment (ac)—Particular requirements

Part 21: Static meters for active energy (classes 1 and 2) (IEC 62053-21:2016 (ED.1.1) MOD)

STANDARDS Australia

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- Australian Chamber of Commerce and Industry
- Australian Energy Council
- Australian Energy Market Operator
- Australian Industry Group
- Consumers Federation of Australia
- Electrical Regulatory Authorities Council
- Energy Networks Australia
- National Electrical and Communications Association
- National Measurement Institute

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Australian Standard®

Electricity metering equipment (ac)—Particular requirements

Part 21: Static meters for active energy (classes 1 and 2) (IEC 62053-21:2016 (ED.1.1) MOD)

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PREFACE

This Standard was prepared by the Standards Australia Committee EL-011, Electricity Metering Equipment to supersede AS 62053.21—2005, *Electricity metering equipment (AC) – Particular requirements – Part 21: Static meters for active energy (classes 1 and 2) (IEC 62053-21 Ed.1.0 (2003) MOD)*.

The objective of this Standard is to communicate to users, and also provide manufacturers with the particular requirements for class 1 and 2 active energy static meters intended for use in Australia.

This Standard is an adoption with national modifications and has been reproduced from IEC 62053-21:2013 + A1:2016 CSV (ED.1.1), *Electricity metering equipment (a.c.) – Particular requirements – Part 21: Static meters for active energy (classes 1 and 2)*. 'CSV' stands for 'consolidated version' whereby IEC Amendment 1:2016 has been incorporated into the source text.

The Australian variations to the IEC source text are listed in Appendix ZZ.

This Standard is structured as follows:

(a) Preface.

(b) IEC 62053-21:2016, (ED.1.1) (unedited from the Contents page to the final clause of the source document).

(c) Appendix ZZ containing variations to IEC 62053-21:2016 (ED.1.1) for application in Australia.

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

(i) In the source text 'this part of IEC 62053' should read 'this Australian Standard'.

(ii) A full point should be substituted for a comma when referring to a decimal marker.

Australian or Australian/New Zealand Standards that are identical adoptions of international normative references may be used interchangeably. Refer to the online catalogue for information on specific Standards.

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

This Standard belongs to the programme of adoptions of IEC 62052 and IEC 62053 series Standards on electricity metering equipment. Existing adoptions have been updated and a new Part (AS 62053.24) in the series has been added. The current adoptions comprise the following:

AS 62052.11 (Metering equipment). Modified adoption of IEC 62052-11:2016 (ED.1.1).

AS 62052.21 (Tariff and load control). Modified adoption of IEC 62052-21:2016 (ED.1.1).

AS 62052.31 (Product safety). Modified adoption of IEC 62052-31:2016 (ED.1.0).

AS 62053.21 (Class 1/2 kWh). Modified adoption of IEC 62053-21:2016 (ED.1.1) (this Standard).

AS 62053.22 (Class 0.2/0.5 kWh). Modified adoption of IEC 62053-22:2016 (ED.1.1).

AS 62053.23 (Class 2/3 kvarh). Modified adoption of IEC 62053-23:2016 (ED.1.1).

AS 62053.24 (Class 1.0/0.5 kvarh). Modified adoption of IEC 62053-24:2016 (ED.1.1).

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