

AS 1284.9—1993
IEC 687:1992

Australian Standard[®]

Electricity metering

**Part 9: Electronic watt-hour meters
(Classes 0.2 S and 0.5 S)**

IEC Title: Alternating current static watt-hour meters for active energy
(classes 0,2 S and 0,5 S)

This Australian Standard was prepared by Committee EL/11, Electricity Metering Equipment. It was approved on behalf of the Council of Standards Australia on 5 March 1993 and published on 12 July 1993.

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Australian Chamber of Commerce and Industry
Australian Electrical and Electronic Manufacturers Association
Electricity Supply Association of Australia
National Standards Commission

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PREFACE

This Standard was prepared by the Standards Australia Committee on Electricity Metering Equipment. It is identical with and has been reproduced from IEC 687, *Alternating current static watt-hour meters for active energy (classes 0,2 S and 0,5 S)*.

This Standard is Part 9 of AS 1284, *Electricity metering*, which is published in Parts as follows:

- Part 1: General purpose induction watthour meters
- Part 2: Portable alternating current rotating standard watthour meters
- Part 3: Induction watthour meters—Energy demand type
- Part 4: Socket mounting system
- Part 5: General purpose electronic watthour meters
- Part 6: Ripple control receivers for tariff and load control
- Part 9: Electronic watthour meters (Classes 0.2 S and 0.5 S)
- Part 10.1: Data exchange for meter reading, tariff and load control — Direct local data exchange via hand-held unit (HHU)—IEC Standard interface
- Part 10.2: Data exchange for meter reading, tariff and load control — Direct local data exchange via hand-held unit (HHU)—ANSI Standard interface

Other Parts are in preparation.

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Statements expressed in mandatory terms in notes to tables and figures are deemed to be requirements of this Standard.

For the purposes of this Australian Standard, the IEC text should be modified as follows:

- (i) *Decimal marker* Substitute a full point for a comma as a decimal marker.
- (ii) *References* Replace references to other publications by references to Australian Standards as follows:

<i>Reference to International Standard</i>		<i>Australian Standard</i>	
IEC 38	IEC standard voltages	AS 2926	Standard voltages—Alternating (50 Hz) and direct
50	International Electrotechnical Vocabulary (IEV)	1852	International Electrotechnical Vocabulary
50(301)	Chapter 301: General terms on measurements in electricity	1852(301)	Chapter 301: General terms on measurements in electricity
50(302)	Chapter 302: Electrical measuring instruments	1852(302)	Chapter 302: Electrical measuring instruments
50 (303)	Chapter 303: Electronic measuring instruments	1852(303)	Chapter 303: Electronic measuring instruments

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68-2-2	Part 2: Tests Tests B: Dry heat	1099.2Ba 1099.2Bb 1099.2Bc 1099.2Bd	
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255 255-4	Electrical relays Part 4: Single input energizing quantity measuring relays with dependent specified time		(No Australian equivalent)*
359	Expression of the performance of electrical and electronic measuring equipment		(No Australian equivalent)
387	Symbols for alternating-current electricity meters		(No Australian equivalent)

* See AS 2481, All-or-nothing electrical relays (instantaneous and timing relays).

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