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**Methods of calculation and
representation of energy efficiency
standard achievement percentage of
electrical and electronic appliances**

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## Contents

|                                                                                       | Page |
|---------------------------------------------------------------------------------------|------|
| Introduction .....                                                                    | 1    |
| 1 Scope .....                                                                         | 1    |
| 2 Normative reference .....                                                           | 2    |
| 3 Terms and definitions .....                                                         | 2    |
| 4 Method of calculation of energy efficiency standard achievement<br>percentage ..... | 4    |
| 5 Energy efficiency label .....                                                       | 4    |
| 5.1 Representation of energy efficiency label .....                                   | 4    |
| 5.2 Composition of marking items on energy efficiency label .....                     | 4    |
| 5.3 Energy efficiency mark .....                                                      | 5    |
| 5.4 Target business year .....                                                        | 5    |
| 5.5 Energy efficiency standard achievement percentage .....                           | 5    |
| 5.6 Energy consumption efficiency .....                                               | 6    |
| 6 Representation of energy efficiency label .....                                     | 7    |
| 7 Exceptional representation of energy efficiency label .....                         | 8    |

## Foreword

This Japanese Industrial Standard has been revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by The Japan Electrical Manufacturers' Association (JEMA)/The Japan Refrigeration and Air Conditioning Industry Association (JRAIA)/Japan Lighting Manufacturers Association (JLMA)/the Japan Electronics and Information Technology Industries Association (JEITA) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act applied mutatis mutandis pursuant to the provision of Article 16 of the said Act. This edition replaces the previous edition (**JIS C 9901:2019**), which has been technically revised.

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# Methods of calculation and representation of energy efficiency standard achievement percentage of electrical and electronic appliances

## Introduction

This Japanese Industrial Standard was established in 2000 and has gone through seven revisions including this one, for the purpose of standardizing the methods of calculation and representation of energy efficiency standard achievement percentage of electrical and electronic appliances, making it easier for general consumers to understand, and promoting the popularization of energy efficient appliances.

No corresponding International Standard has been established at this point.

## 1 Scope

This Standard specifies the methods of calculation and representation of energy efficiency standard achievement percentage of electrical and electronic appliances.

In this Standard, electrical and electronic appliances are in accordance with the Act on Rationalizing Energy Use (hereafter referred to as the Energy Conservation Act), mainly for general household use out of the following specific energy-consuming appliances for which the standard energy consumption efficiency is specified. In **d)**, **e)**, **h)** and **q)**, however, electrical and electronic appliances for business use are included.

- a) Air conditioner
- b) Luminaire
- c) Television receiver
- d) Refrigerator
- e) Freezer
- f) Electronic computer
- g) Magnetic disc appliance
- h) Transformer
- i) Rice cooker and warmer
- j) Microwave oven
- k) DVD recorder
- l) Routing appliance
- m) Switching appliance
- n) Electric water heater