



JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS C 8500 : 2022

(JSA)

Primary batteries — General

ICS 29.220.10

Reference number : JIS C 8500 : 2022 (E)

C 8500 : 2022

Date of Establishment: 1984-03-01

Date of Revision: 2022-08-22

Date of Public Notice in Official Gazette: 2022-08-22

Developed by: Japanese Standards Association

Investigated by: JIS Development Committee on Electricity Technology

JIS C 8500 : 2022, First English edition published in 2023-10

Translated and published by: Japanese Standards Association
Mita MT Building, 3-13-12, Mita, Minato-ku, Tokyo, 108-0073 JAPAN

In the event of any doubts arising as to the contents,
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Printed in Japan

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Foreword

This Japanese Industrial Standard has been revised by the Minister of Economy, Trade and Industry based on the provision of Article 14, paragraph (1) of the Industrial Standardization Act applied mutatis mutandis pursuant to the provision of Article 16 of the said Act in response to a proposal for revision of Japanese Industrial Standard with a draft being attached, submitted by Japanese Standards Association (JSA), an accredited standards development organization. This edition replaces the previous edition (**JIS C 8500** : 2017), which has been technically revised.

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Primary batteries — General

Introduction

This Japanese Industrial Standard has been prepared based on **IEC 60086-1** : 2021, Edition 13, with some modifications of the technical contents due to operational circumstances in Japan.

In this Standard, subclause numbers followed by a capital letter of Latin alphabet starting with “A” indicate that the subclause includes items not given in the corresponding International Standard, and vertical lines on both sides and dotted underlines are omitted.

The vertical lines on both sides and dotted underlines indicate changes from the corresponding International Standard. A list of modifications with the explanations is given in Annex JA.

1 Scope

This Standard specifies requirements for primary batteries with respect to electrochemical systems, dimensions, nomenclature, terminal configurations, markings, test methods, typical performance, safety, etc.

For primary batteries, **JIS C 8513** and **JIS C 8514** are available as safety standards, and **JIS C 8515** as an individual product standard.

Requirements for the battery and electrochemical system conforming to **JIS C 8513**, **JIS C 8514**, **JIS C 8515** and this Standard are specified in Annex A.

NOTE 1 A checklist for ensuring conformity with this Standard is given in Annex H.

NOTE 2 The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows.

IEC 60086-1 : 2021 *Primary batteries — Part 1 : General* (MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standard and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 21-1**.

2 Normative references

Part or all of the provisions of the following standards, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS C 8513 *Safety of primary lithium batteries*

NOTE Normative reference in the corresponding International Standard : IEC 60086-4 *Primary batteries — Part 4 : Safety of lithium batteries*