

JIS

JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS D 9115 : 2018

(JBPI)

Electric power assisted bicycles

ICS 43.150

Reference number : **JIS D 9115 : 2018 (E)**

D 9115 : 2018

Date of Establishment: 2009-09-24

Date of Revision: 2018-09-20

Date of Public Notice in Official Gazette: 2018-09-20

Investigated by: Japanese Industrial Standards Committee

Standards Board for ISO area

Technical Committee on Consumer Life Products

JIS D 9115:2018, First English edition published in 2019-05

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

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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 through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Japan Bicycle Promotion Institute (JBPI) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently **JIS D 9115**:2017 is replaced with this Standard.

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Electric power assisted bicycles

Introduction

This Japanese Industrial Standard was established in 2009 and has gone through revisions of “product standard” in 2013 and 2017 up to the present.

Today, electric power assisted bicycles vary in function, construction and performance across countries and regions. This Standard has been revised for the purpose of facilitating communication among all stakeholders related to electric power assisted bicycles by standardizing the safety requirements, test methods, design requirements, etc. in order to secure the safety and convenience of “electric power assisted bicycles” in Japan.

No corresponding International Standard has been established at this point.

1 Scope

This Standard specifies electric power assisted bicycles classified in Table 1 of **JIS D 9111**.

2 Normative references

The following standards contain provisions which, 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 0920 *Degrees of protection provided by enclosures (IP Code)*

JIS C 8702-1 *Small-sized valve regulated lead-acid batteries—Part 1: General requirements, functional characteristics—Methods of test*

JIS C 8702-3 *Small-sized valve regulated lead-acid batteries—Part 3: Safety recommendations for use in electric appliances*

JIS C 8712 *Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications*

JIS C 9335-1 *Household and similar electrical appliances—Safety—Part 1: General requirements*

JIS C 9335-2-29 *Household and similar electrical appliances—Safety—Part 2-29: Particular requirements for battery chargers*

JIS C 9502 *Lighting equipment for bicycles*

JIS C 60050-161 *International Electrotechnical Vocabulary: Electromagnetic compatibility*

JIS D 9111 *Cycles—Classification, terminology and essential characteristics*

JIS D 9301 *Bicycles for general use*

3 Terms and definitions

For the purpose of this Standard, the terms and definitions given in **JIS C 60050-161**, **JIS D 9111** and **JIS D 9301**, and the following apply.