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**Electric power assisted bicycles**

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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)/Japanese Standards Association (JSA) 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Consequently, **JIS D 9115**:2013 is replaced with this Standard, and **JIS D 9207**:2000 has been withdrawn and replaced with this Standard.

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Attention is drawn to the possibility that some parts of this Standard may conflict with patent rights, applications for a patent after opening to the public or utility model rights. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying any of such patent rights, applications for a patent after opening to the public or utility model rights.

# Electric power assisted bicycles

## Introduction

This Japanese Industrial Standard was established in 2009 and has gone through a revision in 2013 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.