



JAPANESE  
INDUSTRIAL  
STANDARD

Translated and Published by  
Japanese Standards Association

---

---

JIS D 9115 : 2013

(JBPI/JSA)

**Guidelines for electric power  
assisted cycles**

---

ICS 43.150

Reference number : JIS D 9115 : 2013 (E)

Date of Establishment: 2009-09-24

Date of Revision: 2013-11-20

Date of Public Notice in Official Gazette: 2013-11-20

Investigated by: Japanese Industrial Standards Committee  
Standards Board

Technical Committee on Consumer Life Products

---

JIS D 9115:2013, First English edition published in 2015-05

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,  
the original JIS is to be the final authority.

© JSA 2015

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

Printed in Japan

HT/AT

## Contents

|  | Page |
|--|------|
| Introduction.....  | 1    |
| 1 Scope.....   | 1    |
| 2 Normative references .....   | 1    |
| 3 Terms and definitions .....  | 2    |
| 4 Classification .....   | 3    |
| 5 Requirements for product design .....  | 4    |
| 5.1 Composition, parts and others .....  | 4    |
| 5.2 Structure .....  | 5    |
| 6 Marking.....   | 8    |
| 6.1 Marking on cycle body .....  | 8    |
| 6.2 Marking on secondary battery.....  | 8    |
| 6.3 Marking on battery charger.....  | 8    |
| 7 Instruction manual.....  | 8    |
| Annex A (normative) Criteria for motors to assist human power .....                            | 9    |
| Annex B (normative) Items of criteria for motors and criteria for time<br>responsiveness ..... | 10   |

## Foreword

This translation has been made based on the original Japanese Industrial Standard 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 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**:2009 is replaced with this Standard.

This **JIS** document is protected by the Copyright Law.

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.