

INTERNATIONAL STANDARD

IEC 60254-1

Fourth edition
2005-04

Lead-acid traction batteries –

Part 1: General requirements and methods of test

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International Electrotechnical Commission, 3, rue de Varembé, PO Box 131, CH-1211 Geneva 20, Switzerland
Telephone: +41 22 919 02 11 Telefax: +41 22 919 03 00 E-mail: inmail@iec.ch Web: www.iec.ch



Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

LEAD-ACID TRACTION BATTERIES –**Part 1: General requirements and methods of test**

FOREWORD

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International Standard IEC 60254-1 has been prepared by IEC technical committee 21: Secondary cells and batteries.

This fourth edition cancels and replaces the third edition, published in 1997, and constitutes a technical revision. The principal change in this edition is the removal of the original Clause 6 dealing with "Testing procedures for light road vehicle traction batteries", as this is now covered by IEC 61982-2. The "high rate discharge test" has been changed from 0,5 h to 1 h and the temperature co-efficient of resistance for 1h discharge included. The opportunity has also been taken to introduce relatively minor revisions where these are now more appropriate due to developments.

The text of this standard is based on the following documents:

| FDIS | Report on voting |
|-------------|------------------|
| 21/619/FDIS | 21/622/RVD |

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

IEC 60254 consists of the following parts under the general title *Lead-acid traction batteries*:

Part 1: General requirements and methods of test

Part 2: Dimensions of cells and terminals and marking of polarity on cells

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

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