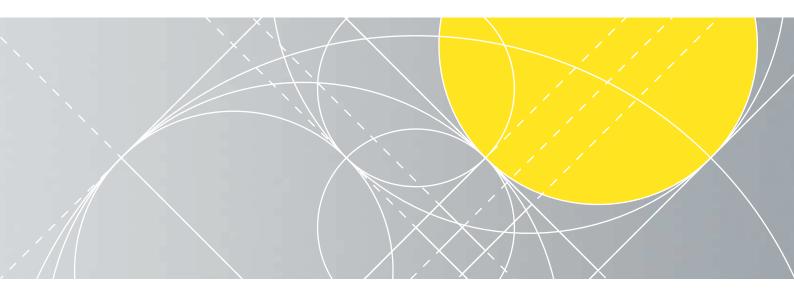
AS 60095.6:2022





# Lead-acid starter batteries

Part 6: Batteries for micro-cycle applications (IEC 60095-6:2019 (ED. 1.0), MOD)



This is a preview. Click here to purchase the full publication.

### AS 60095.6:2022

This Australian Standard <sup>®</sup> was prepared by EL-005, Secondary Batteries. It was approved on behalf of the Council of Standards Australia on 05 August 2022.

This Standard was published on 19 August 2022.

The following are represented on Committee EL-005:

Australasian Fire and Emergency Service Authorities Council Australian Industry Group Clean Energy Council Communications, Electrical and Plumbing Union — Electrical Division Consumers Federation of Australia CSIRO Deakin University Electrical Regulatory Authorities Council, Australia Energy Networks Australia **Engineers** Australia Institute of Electrical Inspectors International Copper Association Australia Joint Accreditation System of Australia & New Zealand Master Electricians Australia National Association of Testing Authorities Australia National Electrical Communications Association Smart Energy Council

This Standard was issued in draft form for comment as DR AS 60095.6:2022.

#### **Keeping Standards up-to-date**

Ensure you have the latest versions of our publications and keep up-to-date about Amendments, Rulings, Withdrawals, and new projects by visiting: www.standards.org.au

ISBN 978 1 76113 895 9

This is a preview. Click here to purchase the full publication.

# Lead-acid starter batteries

Part 6: Batteries for micro-cycle applications (IEC 60095-6:2019 (ED. 1.0), MOD)

First published as AS 60095.6:2022.



@ IEC Geneva Switzerland 2022 — All rights reserved @ Standards Australia Limited 2022

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of either the IEC or the publisher, unless otherwise permitted under the Copyright Act 1968 (Cth). If you have any questions about IEC copyright or have an enquiry about obtaining additional rights to this publication, please see the contact details on the back cover or the contact us page of the website for further information.

This is a preview. Click here to purchase the full publication.

### Preface

This Standard was prepared by the Standards Australia Committee EL-005, Secondary Batteries.

The objective of this document is to specify the general requirements and methods of test specific to lead-acid batteries used for micro-cycle applications.

This document is applicable to —

- (a) lead-acid batteries of the dimensions according to IEC 60095-2 for vehicles with the capability to automatically switch off the ICE during vehicle operation either in standstill or when moving ("start-stop"); and
- (b) lead-acid batteries of the dimensions according to IEC 60095-2 for vehicles with start-stop applications with the capability to recover braking energy or energy from other sources.

This document is applicable to lead-acid batteries with a nominal voltage of 12 V, used primarily as power source for the starting of internal combustion engines (ICE), lighting and auxiliary equipment of ICE vehicles.

A list of all parts in the 60095 series can be found in the Standards Australia online catalogue.

This document is an adoption with national modifications, and has been reproduced from, IEC 60095-6:2019, *Lead-acid starter batteries – Part 6: Batteries for micro-cycle*. The modifications are additional requirements and are set out in Appendix ZZ, which has been added at the end of the source text.

<u>Appendix ZZ</u> lists the variations to IEC 60095-6:2019 for the application of this document in Australia.

As this document has been reproduced from an International document, the following applies:

(i) In the source text "this part of IEC 60095" should read "this document".

(ii) A full point substitutes for a comma when referring to a decimal marker.

Australian or Australian/New Zealand Standards that are identical adoptions of international normative references may be used interchangeably. Refer to the online catalogue for information on specific Standards.

The terms "normative" and "informative" are used in Standards to define the application of the appendices or annexes to which they apply. A "normative" appendix or annex is an integral part of a Standard, whereas an "informative" appendix or annex is only for information and guidance.