

AS 60095.6:2022



# Lead-acid starter batteries

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



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## 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.

[Appendix ZZ](#) lists the variations to IEC 60095-6:2019 for the application of this document in Australia.

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- (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.

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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.

**Section      National Foreword**

AS 60095.1:2022 and AS 60095.6:2022 are modified adoptions of IEC 60095-1:2018 and IEC 60095-6:2019 respectively. For more information, also refer to IEC 60095-2:2021 and 60095-4:2021.