

AS 60095.1:2022



Lead-acid starter batteries

Part 1: General requirements and methods of test (IEC 60095-1:2018 (ED. 8.0), MOD)



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Preface

This Standard was prepared by the Standards Australia Committee EL-005, Secondary Batteries, to supersede AS 2149:2003, *Starter batteries—Lead acid*.

The objective of this document is to specify the general requirements, essential functional characteristics, relevant test methods and results required, for several classes of starter batteries according to the general type of application and the type of product.

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

The major changes in this edition are as follows:

- (a) New test procedures with reduced number of specimens for tests.
- (b) Cranking performance test, endurance tests, vibration resistance test are more comprehensive.
- (c) Endurance test acceptance criteria are defined.

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 60095-1:2018, *Lead-acid starter batteries –Part 1: General requirements and methods of test*. 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 60095-1:2018 for the application of this document in Australia.

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