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## AS 2149-2003 Starter batteries - Lead-acid

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### Abbreviation

AS 2149-2003

### Valid from

14/11/2003

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### Information provider

SAI Global

### Author

Standards Australia

### Information type

Australian Standard

### Format

PDF

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### Cited By

[This resource is cited by 3 documents \(show Citations\)](#)

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### Description

This Standard provides requirements for the materials, design and construction of lead acid automotive batteries having either a 6 V or a 12 V output. It covers both safety and performance criteria.

### Scope

This Standard 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.

These batteries are commonly called starter batteries. Batteries with a nominal voltage of 6 V are also included within the scope of this standard. All referenced voltages have to be divided by two for 6 V batteries.

This standard is applicable to batteries for the following purposes:

- a) Batteries for passenger cars.
- b) Batteries for commercial and industrial vehicles for normal use.
- c) Batteries for commercial and industrial vehicles for severe use.
- d) Batteries for use in deep-cycling applications (e.g. marine use, taxis and coaches).

This standard is not applicable to

- i) batteries for starting railcar internal combustion engines;
- ii) motorcycle batteries; or
- iii) aircraft batteries.

NOTE: Further requirements for valve-regulated batteries including; requirements for control valves, integrity of seal (leak test), gas recombination efficiency and endurance towards high temperatures and vibration in the areas of sealing integrity will be considered in the next revision.

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- [NZS 4515:2009](#)

AS 2149-2003 is cited by NZS 4515:2009 Fire sprinkler systems for life safety in sleeping occupancies (up to 2000 square metres)

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