

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Lead-acid starter batteries –
Part 7: General requirements and methods of test for motorcycle batteries**

**Batteries d'accumulateurs de démarrage au plomb –
Partie 7: Exigences générales et méthodes d'essais pour les batteries de
motocycles**



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INTERNATIONAL ELECTROTECHNICAL COMMISSION

LEAD-ACID STARTER BATTERIES –

**Part 7: General requirements and methods
of test for motorcycle batteries**

FOREWORD

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International Standard IEC 60095-7 has been prepared by IEC technical committee 21: Secondary cells and batteries.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
21/1014/FDIS	21/1019/RVD

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

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

A list of all parts in the IEC 60095 series, published under the general title *Lead-acid starter batteries*, can be found on the IEC website.

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

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LEAD-ACID STARTER BATTERIES –

Part 7: General requirements and methods of test for motorcycle batteries

1 Scope

This part of IEC 60095 is applicable to lead-acid batteries used primarily as a power source for the starting of internal combustion engines, lighting and ignition (SLI) of motorcycles and other power sport vehicles. The nominal voltage is 12 V or 6 V.

Test definitions and criteria in this document are for batteries with a nominal voltage of 12 V only. For batteries with a nominal voltage of 6 V, all voltages have to be divided by two.

The other power sports vehicles covered in this document are snowmobiles, personal water crafts and all-terrain vehicles.

This document is not applicable to batteries for other purposes, such as the back-up power sources, auxiliary equipment of internal combustion engine vehicles and e-bikes.

This document specifies:

- general requirements;
- size, essential functional characteristics, relevant test methods and results required.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 60050-482, *International Electrotechnical Vocabulary (IEV) – Part 482: Primary and secondary cells and batteries*

IEC 60095-1:2018, *Lead-acid starter batteries – Part 1: General requirements and methods of test*

IEC 60417, *Graphical symbols for use on equipment* (available at <http://www.graphical-symbols.info/equipment>)

3 Terms and definitions

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