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Lead acid starter batteries - Part 7: General requirements and methods of tests for motorcycle batteries

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 02/16

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EUROPEAN STANDARD

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NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

Lead acid starter batteries - Part 7: General requirements and methods of tests for motorcycle batteries

Batteries d'accumulateurs de démarrage au plomb - Partie
7: Exigences générales, méthodes d'essais pour les
batteries d'accumulateurs pour motocycles

Blei-Akkumulatoren-Starterbatterien - Teil 7: Allgemeine
Anforderungen und Prüfungen von Motorradbatterien

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European foreword

This document (EN 50342-7:2015) has been prepared by CLC/TC 21X "Secondary cells and batteries".

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2016-06-30
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2018-06-30

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It is due to Commission Regulation (EU) No 1103/2010 of 29 November 2010 establishing, pursuant to Directive 2006/66/EC of the European Parliament and of the Council, rules as regards capacity labelling of portable secondary (rechargeable) and automotive batteries and accumulators (OJ L 313, 30.11.2010, p. 3–7).

It provides precise definitions of the values of accuracy for capacity and cold cranking. For this purpose, the definition of the labelled capacity is clearly identified, and a method of sampling the batteries as well as the degree of compliance is defined. Additionally, the needed marking is described precisely.

1 Scope

This European Standard is applicable to lead-acid batteries used primarily as a power source for the starting of internal combustion engines, lighting and ignition of motorcycles, power sport vehicles and all-terrain vehicles up to a maximum capacity of 35 Ah (C_{10}) (further on referred as batteries). The nominal voltage is 12 V or 6 V.

Test definitions and criteria in this document are written 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.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 50342-1, *Lead-acid starter batteries – Part 1: General requirements and methods of test*

EN 61429:1996+A11:1998, *Marking of secondary cells and batteries with the international recycling symbol ISO 7000-1135 and indications regarding directives 93/86/EEC and 91/157/EEC*

IEC 60417, *Graphical Symbols for Use on Equipment*

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