SLOVENSKI STANDARD
SIST EN 50342-6:2016/A1:2019

01-april-2019

Svinčeno-kislinske zaganjalne baterije - 6. del: Baterije za mikrociklične aplikacije

Lead-acid starter batteries - Part 6: Batteries for Micro-Cycle Applications

Blei-Akkumulatoren-Starterbatterien - Teil 6 : Batterien für Mikrozyklen-Anwendungen

Batteries d'accumulateurs de démarrage au plomb - Partie 6: Batteries pour applications micro-cycles

Ta slovenski standard je istoveten z: **EN 50342-6:2015/A1:2018**

ICS:

29.220.20	Kislinski sekundarni členi in baterije	Acid secondary cells and batteries

SIST EN 50342-6:2016/A1:2019 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 50342-6:2015/A1

November 2018

ICS 29.220.20

English Version

Lead-acid starter batteries - Part 6: Batteries for Micro-Cycle Applications

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Blei-Akkumulatoren-Starterbatterien - Teil 6 : Batterien für Mikrozyklen-Anwendungen

This amendment A1 modifies the European Standard EN 50342-6:2015; it was approved by CENELEC on 2018-08-06. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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Ref. No. EN 50342-6:2015/A1:2018 E

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European foreword

This document (EN 50342-6:2015/A1:2018) has been prepared by CLC/TC 21X “Secondary cells and batteries”, the secretariat of which is held by DKE.

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)	2019-05-30
• latest date by which the national standards conflicting with this document have to be withdrawn	(dow)	2021-11-30

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

1 Modification to Clause 7.2.3

Change first sentence from

"The battery shall be discharged to 85 % of nominal capacity according to Table 7."

to

"The battery shall be discharged to 85 % of effective capacity C_e according to Table 7."

2 Modification to Table 15

Change note in table 15 from

"NOTE For N°10, "R10W" according to ECE 37."

to

"NOTE For N°10, "R10W" according to ECE/TRANS/WP.29/343 Regulation 37."

3 Modification to Clause 7.5.5

Add after the third sentence:

"The charging voltage U of table 16 and charging ratio CR of 1.08 shall be used if not otherwise specified by the manufacturer of the battery to be tested."

4 Modification to Clause 7.5.5

Change the sentence

"Step 20: If the discharge voltage drops below 10,0 V, the cycling test part shall be terminated."

to

"Step 20: If the discharge voltage drops below 10,5 V, the cycling test part shall be terminated."

5 Modification to Table 16

Change the voltage U in Step 20 from

"≥ 10"

to

"≥ 10,5"

6 Modification to Clause 7.5.6

Replace

"The subsequent high current discharge test at low temperature according to line 15 of Table 6 shall be performed without any preceding recharge of the battery. Last test step is a final Ce capacity check."

by

"The subsequent high current discharge test at low temperature according to line 15 of Table 6 shall be performed without any preceding recharge of the battery. After having performed a full recharge of the battery according EN 50342-1:2015, 5.2 the last test step is a final C_e capacity check."

7 Modification to Table 17

In the text box of the requirements for the charge phase after deep discharge change the third line from

"Current after 2 min > 3 · I_n"

to

"Current after 5 min > 3 · I_n"

8 Modification to Table 18

In the text box for the requirements for Level M1 to M3 (first line of table) change the third line from

"C_e ≥ 50 % of Cn after 8000 cycles"

to

"C_e (Step 32 of table 9) ≥ 50 % of Cn after 8000 cycles"

9 Modification to Bibliography item [4]

Replace

"UN/ECE Regulation ECE37"

by

"ECE/TRANS/WP.29/343 Regulation 37"