

<b>STN</b>	<b>Akumulátorové články a batérie obsahujúce alkalické alebo iné nie kyslé elektrolyty Bezpečnostné požiadavky na lítiové akumulátorové články a batérie na používanie v systémoch na akumuláciu elektrickej energie Oprava AC</b>	<b>STN EN IEC 63056/AC</b>  36 4360
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Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary lithium cells and batteries for use in electrical energy storage systems

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. 08/21

Obsahuje: EN IEC 63056:2020/AC Jul.:2021, IEC 63056:2020/COR1:2021

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
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**EN IEC 63056:2020/AC:2021-  
07**

July 2021

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ICS 29.220.30

English Version

**Secondary cells and batteries containing alkaline or other non-  
acid electrolytes - Safety requirements for secondary lithium  
cells and batteries for use in electrical energy storage systems  
(IEC 63056:2020/COR1:2021)**

Accumulateurs alcalins et autres accumulateurs à  
électrolyte non acide - Exigences de sécurité pour les  
accumulateurs au lithium pour utilisation dans des  
systèmes de stockage d'énergie électrique  
(IEC 63056:2020/COR1:2021)

Sekundärzellen und -batterien mit alkalischen oder anderen  
nicht-säurehaltigen Elektrolyten - Sicherheitsanforderungen  
für Lithium-Sekundärzellen und -batterien für die  
Verwendung in elektrischen Energiespeichersystemen  
(IEC 63056:2020/COR1:2021)

This corrigendum becomes effective on 9 July 2021 for incorporation in the English language version of the EN.



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

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

### **Endorsement notice**

The text of the corrigendum IEC 63056:2020/COR1:2021 was approved by CENELEC as EN IEC 63056:2020/AC:2021-07 without any modification.

IEC 63056:2020/COR1:2021

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INTERNATIONAL ELECTROTECHNICAL COMMISSION  
COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

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**IEC 63056**  
Edition 1.0 2020-03

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Secondary cells and batteries containing  
alkaline or other non-acid electrolytes – Safety  
requirements for secondary lithium cells and  
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Accumulateurs alcalins et autres accumulateurs  
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pour les accumulateurs au lithium pour  
utilisation dans des systèmes de stockage  
d'énergie électrique

## CORRIGENDUM 1

Corrections to the French version appear after the English text.

Les corrections à la version française sont données après le texte anglais.

### 5.3 The peak voltage of charging

*Replace "battery system manufacturer" with "cell manufacturer" at the end of the existing paragraph, as follows:*

"When a charging current has an alternating component, a battery system manufacturer shall ensure that the peak voltage of the charging current is under the upper limit charging voltage, specified by the cell manufacturer, by monitoring the voltage of every single cell or cell block."

*Replace the existing Table 1 with the following new Table 1:*

**Table 1 – Type test**

Test items	DUT
7.2 Resistance to abnormal heat	minimum of 1
7.6 Protection for short circuit during transport and installation	minimum of 1
7.4 Electric insulation check during transport and installation	minimum of 1
7.7 Protection for reverse connection	minimum of 1
7.9 Drop test	minimum of 1
7.8 Overdischarge control of voltage (battery system)	minimum of 1