



Institut luxembourgeois de la normalisation  
de l'accréditation, de la sécurité et qualité  
des produits et services

**ILNAS-EN 62660-3:2016**

**Secondary lithium-ion cells for the  
propulsion of electric road vehicles -  
Part 3: Safety requirements**

Éléments d'accumulateurs lithium-ion  
pour la propulsion des véhicules routiers  
électriques - Partie 3: Exigences de  
sécurité

Lithium-Ionen-Sekundärzellen für den  
Antrieb von Elektrostraßenfahrzeugen -  
Teil 3: Sicherheitsanforderungen

**11/2016**



## National Foreword

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English Version

**Secondary lithium-ion cells for the propulsion of electric road  
vehicles - Part 3: Safety requirements  
(IEC 62660-3:2016)**

Éléments d'accumulateurs lithium-ion pour la propulsion  
des véhicules routiers électriques - Partie 3: Exigences de  
sécurité  
(IEC 62660-3:2016)

Lithium-Ionen-Sekundärzellen für den Antrieb von  
Elektrostraßenfahrzeugen -  
Teil 3: Sicherheitsanforderungen  
(IEC 62660-3:2016)

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

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

## European foreword

The text of document 21/890/FDIS, future edition 1 of IEC 62660-3, prepared by IEC/TC 21 "Secondary cells and batteries" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62660-3:2016.

The following dates are fixed:

- latest date by which the document has to be (dop) 2017-07-03  
implemented at national level by  
publication of an identical national  
standard or by endorsement
- latest date by which the national (dow) 2019-10-03  
standards conflicting with the  
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In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 62133	NOTE	Harmonized as EN 62133.
IEC 62660-1	NOTE	Harmonized as EN 62660-1.

## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

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.

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: [www.cenelec.eu](http://www.cenelec.eu)

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60050-482	-	International Electrotechnical Vocabulary (IEV) - Part 482: Primary and secondary cells and batteries	-	-
IEC 61434	-	Secondary cells and batteries containing alkaline or other non-acid electrolytes - Guide to the designation of current in alkaline secondary cell and battery standards	EN 61434	-
IEC 62619	-	Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary lithium cells and batteries, for use in industrial applications	-	-
IEC 62660-2	2010	Secondary lithium-ion cells for the propulsion of electric road vehicles - Part 2: Reliability and abuse testing	EN 62660-2	2011



# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Secondary lithium-ion cells for the propulsion of electric road vehicles –  
Part 3: Safety requirements**

**Éléments d'accumulateurs lithium-ion pour la propulsion des véhicules routiers  
électriques –  
Partie 3: Exigences de sécurité**

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