



**Railway applications — Rolling stock — Onboard
lithium-ion traction batteries**



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Standards Update Service

CSA TS-602:23 November 2023

Title: *Railway applications — Rolling stock — Onboard lithium-ion traction batteries*

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CSA TS-602:23

***Railway applications — Rolling
stock — Onboard lithium-ion
traction batteries***



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*Published in November 2023 by CSA Group
A not-for-profit private sector organization
178 Rexdale Boulevard, Toronto, Ontario, Canada M9W 1R3*

*To purchase standards and related publications, visit our Online Store at
www.csagroup.org/store/ or call toll-free 1-800-463-6727 or 416-747-4044.*

*ICS 45.060.10
ISBN 978-1-4883-4814-3*

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Preface

This is the first edition of CSA TS-602, *Railway application — Rolling stock — Onboard lithium-ion traction batteries*. This Technical Specification (herein referred to as “this Document”) is not a consensus product; that is, it is not a Standard and it has not been formally approved by a CSA Technical Committee.

This Document is intended to be used in conjunction with IEC 62928 (first edition, 2017-12), *Railway applications — Rolling stock — Onboard lithium-ion traction batteries*.

The North American deviations in this Document are intended to

- a) correct inaccuracies;
- b) replace references to ISO and IEC Standards with references to Canadian and U.S. Standards, where applicable; and
- c) provide guidance to reflect North American freight rail environmental and operating conditions.

CSA Group acknowledges that the development of this Document was made possible, in part, by the financial support of Transport Canada.

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This Document is considered suitable for use for conformity assessment within the stated scope of the document.

This Document was prepared and reviewed for use in Canada and the U.S. by the CSA Task Force on Onboard Traction Batteries for Rolling Stock.

Notes:

- 1) *Use of the singular does not exclude the plural (and vice versa) when the sense allows.*
- 2) *Although the intended primary application of this Document is stated in the Introduction, it is important to note that it remains the responsibility of the users of the Document to judge its suitability for their particular purpose.*
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