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**Electrically propelled road vehicles —  
Safety specifications —**

**Part 1:  
Rechargeable energy storage system  
(RESS)**

*Véhicules routiers électriques — Spécifications de sécurité —  
Partie 1: Système de stockage d'énergie rechargeable (RESS)*



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## Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2. [www.iso.org/directives](http://www.iso.org/directives)

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This document was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 37, *Electrically propelled vehicles*.

This third edition cancels and replaces the second edition (ISO 6469-1:2009) and ISO 12405-3:2014, which have been technically revised.

The main changes compared to ISO 6469-1:2009 and ISO 12405-3:2014 are as follows:

- test descriptions and requirements were reworked to include specific characteristics for lithium-ion based battery systems;
- document was reworked to become a general safety standard for all RESS types; and
- almost all test procedures and descriptions as given in the previous versions of both documents have been adapted to the latest technical developments.

A list of all parts in the ISO 6469 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).