



ISO 8715-1

**Electric road vehicles — Road
operating characteristics —**

**Part 1:
Passenger cars and light duty
vehicles**

*Véhicules routiers électriques — Caractéristiques routières —
Partie 1: Voitures particulières et véhicules utilitaires légers*

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

This first edition of ISO 8715-1, together with ISO 8715-2, cancels and replaces ISO 8715:2001.

The main changes are as follows:

- modification of the title and scope of this document;
- revision and addition of terms and definitions;
- deletion of Clauses 4, and 8, as well as Annex A;
- revision of the vehicle condition, atmosphere condition and track condition, and addition of the slope requirement (see [Clause 5](#));
- revision of the preconditioning of the vehicle, addition of the load distribution requirement (see [Clause 6](#));
- revision of the maximum thirty minutes speed test (see [7.2](#));
- revision of the maximum speed test (see [7.3](#));
- revision of the acceleration ability test (see [7.4](#));
- revision of the maximum speed uphill test (see [7.5](#));
- revision of the hill starting ability test (see [7.6](#));
- addition of the maximum gradeability test (see [7.7](#)).

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