
**Electrically propelled road vehicles —
Vocabulary**

Véhicules routiers électriques — Vocabulaire





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Published in Switzerland

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Foreword

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ISO/TR 8713 was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 21, *Electrically propelled road vehicles*.

This first edition cancels and replaces the second edition (ISO 8713:2005) which has been revised as a Technical Report.

Electrically propelled road vehicles — Vocabulary

1 Scope

This Technical Report establishes a vocabulary of terms and the related definitions used in ISO/TC 22/SC 21 standards. These terms are specific to the electric propulsion systems of electrically propelled road vehicles, i.e. battery-electric vehicles (BEV), hybrid-electric vehicles (HEV, PHEV), and (pure and hybrid-electric) fuel cell vehicles (FCV, FCEV).

2 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

2.1

air processing system

system that processes the incoming air for the fuel cell system

EXAMPLE Filters, meters, conditions, and pressurizes.

2.2

auxiliary electric system

on-board vehicle system, other than the propulsion system, which operates on electric energy

2.3

balance of electric power system

remaining portion of a voltage class B (2.72) electric circuit when all RESS (2.61) and fuel cell stacks are disconnected

2.4

barrier

part providing protection against direct contact from any usual direction of access

2.5

basic insulation

insulation applied to live parts for protection against direct contact under fault-free conditions

NOTE Basic insulation does not include insulation used exclusively for functional purposes.

2.6

basic protection

protection against direct contact with live parts under fault-free conditions

2.7

battery cell

basic rechargeable energy storage device, consisting of electrodes, electrolyte, container, terminals and usually separators, that is a source of electric energy obtained by direct conversion of chemical energy