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**ELECTRICALLY PROPELLED ROAD
VEHICLES - TERMINOLOGY**

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English version

Electrically propelled road vehicles - Terminology

Véhicules routiers à propulsion électrique - Terminologie

Elektrisch angetriebene Straßenfahrzeuge - Terminologie

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 301 "Electrically propelled road vehicles", the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2001, and conflicting national standards shall be withdrawn at the latest by October 2001.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This standard gives definitions used in European standards for electrically propelled road vehicles. It is not intended to give definitions of all terms concerning these vehicles, but to permit a good understanding of the content of standards dealing with electrically propelled road vehicles.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN 1821-1:1996	Electrically propelled road vehicles - Measurement of road operating ability - Part 1 : Pure electric vehicles.
EN 1821-2:1999	Electrically propelled road vehicles - Measurement of road operating ability - Part 2 : Thermal electric hybrid vehicles.
EN 1986-1:1997	Electrically propelled road vehicles - Measurement of energy performances - Part 1 : Pure electric vehicles.
EN 1986-2:2001	Electrically propelled road vehicles - Measurement of energy performances - Part 2 : Thermal electric hybrid vehicles.
EN 60529	Degrees of protection provided by enclosures (IP Code) (IEC 60529:1989).
ISO 1176	Road vehicles - Masses - Vocabulary and codes.
IEV	International Electrotechnical Vocabulary.

3 Terms and definitions at the vehicle's level

3.1 Electrically propelled road vehicle

road vehicle in which electric energy is transformed by electrical machine(s) into mechanical energy for traction purposes

NOTE Traction is the term used with the same meaning as propulsion, but for historical reasons, this is the most widely used term.

3.2 Types of electrically propelled road vehicles

3.2.1

electrically supplied road vehicle

road vehicle which is supplied by electric energy as an external energy input for traction purpose

It comprises two families :

— first family : infrastructure independent (i.e. autonomous) when driving. This road vehicle has an on board secondary electric energy source for traction purposes which is recharged / replaced periodically ;

NOTE Replacement / fuel refill of an on board primary electric energy source is not regarded as an electric energy supply.

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