

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

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**E-Transporters –  
Part 1: Terminology and classification**

**E-Transporteurs –  
Partie 1: Terminologie et classification**



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INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

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**E-TRANSPORTERS –****Part 1: Terminology and classification**

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The text of this International Standard is based on the following documents:

FDIS	Report on voting
125/81/FDIS	125/85/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

A list of all parts in the IEC 63281 series, published under the general title *E-Transformers*, can be found on the IEC website.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at [www.iec.ch/members\\_experts/refdocs](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/publications](http://www.iec.ch/publications).

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## INTRODUCTION

Standardization of "e-Transporters": electrically powered transport devices for use on public roads or in public spaces. These e-Transporters provide solutions for transporting either passengers or goods, or both.

These devices can:

- be manually controlled;
- have automated functions;
- be autonomous.

This document has been developed in response to an increased demand throughout the world for e-Transporters. The world market sizes and applications are expected to grow significantly. To date, e-Transporters have not had a complete and unified standard of classification. This has created challenges for engineers, producers, operators, and other actors in the field of e-Transporters. The development of a terminology and classification standard applicable to e-Transporters, will promote the standardization of e-Transporters, aid the progress of technology, improve product quality, and increase safety.

## E-TRANSPORTERS –

### Part 1: Terminology and classification

#### 1 Scope

This document specifies the terminology and classification of e-Transporters.

This document is applicable to "e-Transporters": electrically powered transport devices for use on public roads or in public spaces. These e-Transporters provide solutions for transporting either passengers or goods, or both. These devices can be manually controlled, have automated functions or be autonomous.

#### 2 Normative references

There are no normative references in this document.

#### 3 Terms and definitions

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

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- IEC Electropedia: available at <https://www.electropedia.org/>
- ISO Online browsing platform: available at <https://www.iso.org/obp>

##### 3.1 public space

place that is accessible to the public whether it is in the public domain or privately owned

Note 1 to entry: Examples are roads, cycle tracks, sidewalks, public squares, parks, stations, airports, hotels, hospitals, restaurants, etc.

##### 3.2 e-Transporter

electrically powered transport device for use on public roads or in public spaces which provides solutions for transporting either passengers or goods, or both

Note 1 to entry: The device can be manually controlled, have automated functions, or be autonomous.

##### 3.3 personal e-Transporter

e-Transporter that is primarily designed for transporting person(s)

##### 3.4 cargo e-Transporter CeT

e-Transporter that is primarily designed for transporting cargo or goods, or both