

<b>STN</b>	<b>E-transportéry</b> <b>Časť 3-1: Metóda testovania výkonu pre celkovú dobu prevádzky e-kolobežiek vzhľadom na podmienky prostredia skutočného používania</b>	<b>STN</b> <b>EN IEC 63281-3-1</b>  34 1590
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E-Transporters - Part 3-1: Performance test method for total run time of e-scooters with consideration to environmental conditions of actual use

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 07/24

Obsahuje: EN IEC 63281-3-1:2024, IEC 63281-3-1:2024

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN IEC 63281-3-1**

May 2024

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English Version

**E-Transporters - Part 3-1: Performance test method for total run  
time of e-scooters with consideration to environmental conditions  
of actual use  
(IEC 63281-3-1:2024)**

E-Transporteurs - Partie 3-1: Méthode d'essai de  
performance du temps de fonctionnement total d'une  
trottinette électrique en prenant en considération les  
conditions de température correspondant à une utilisation  
réelle  
(IEC 63281-3-1:2024)

Elektrokleinstfahrzeuge - Teil 3-1: Leistungsprüfverfahren  
für die Gesamtlauzeit von Elektro-Tretrollern unter  
Berücksichtigung der Umgebungsbedingungen bei der  
tatsächlichen Nutzung  
(IEC 63281-3-1:2024)

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European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

**EN IEC 63281-3-1:2024 (E)****European foreword**

The text of document 125/92/FDIS, future edition 1 of IEC 63281-3-1, prepared by IEC/TC 125 "e-Transporters" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 63281-3-1:2024.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2025-02-17
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2027-05-17

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## Annex ZA (normative)

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NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: [www.cencenelec.eu](http://www.cencenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 62301	-	Household electrical appliances - Measurement of standby power	-	-
IEC 60068-1	2013	Environmental testing - Part 1: General and guidance	EN 60068-1	2014
IEC 60068-2-1	-	Environmental testing - Part 2-1: Tests - Test A: Cold	EN 60068-2-1	-
IEC 60068-2-2	-	Environmental testing - Part 2-1: Tests - Test B: Dry heat	EN 60068-2-2	-



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# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**E- Transporters –  
Part 3-1: Performance test method for total run time of e-scooters with  
consideration to environmental conditions of actual use**

**E- Transporteurs –  
Partie 3-1: Méthode d'essai de performance du temps de fonctionnement total  
d'une trottinette électrique en prenant en considération les conditions de  
température correspondant à une utilisation réelle**



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Edition 1.0 2024-04

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

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## **E- Transporters –**

**Part 3-1: Performance test method for total run time of e-scooters with consideration to environmental conditions of actual use**

## **E- Transporteurs –**

**Partie 3-1: Méthode d'essai de performance du temps de fonctionnement total d'une trottinette électrique en prenant en considération les conditions de température correspondant à une utilisation réelle**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## E-TRANSPORTERS –

**Part 3-1: Performance test method for the total run time of an e-scooter  
with consideration of temperature conditions of actual use**

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IEC 63281-3 has been prepared by IEC technical committee 125: e-Transporters. It is an International Standard.

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

Draft	Report on voting
125/92/FDIS	125/99/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.

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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- withdrawn, or
- revised.

## **E-TRANSPORTERS –**

### **Part 3-1: Performance test method for the total run time of an e-scooter with consideration of temperature conditions of actual use**

#### **1 Scope**

This document specifies the test method for the total run time of an e-scooter for single-person transportation with consideration of the temperature conditions of actual use when the e-scooter is operated by the user in various temperatures for use on the road or in public spaces.

This document does not cover e-scooters for persons with disabilities or elderly persons. Also, this document excludes cargo e-scooters.

#### **2 Normative references**

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 62301, *Household electrical appliances – Measurement of standby power*

IEC 60068-1:2013, *Environmental testing – Part 1: General and guidance*

IEC 60068-2-1, *Environmental testing – Part 2-1: Tests – Test A: Cold*

IEC 60068-2-2, *Environmental testing – Part 2-2: Tests – Test B: Dry heat*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**