



# SLOVENSKI STANDARD

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## Electrically powered wheelchairs, scooters and their chargers - Requirements and test methods

## **Elektrorollstühle und -mobile und zugehörige Ladegeräte - Anforderungen und Prüfverfahren**

## Fauteuils roulants électriques, scooters et leurs chargeurs - Exigences et méthodes d'essai

Ta slovenski standard je istoveten z: prEN 12184

**ICS:**

11.180.10 Ú!ä[ { [ \á Á!äæ[ åñç^Áæ Aids and adaptation for  
\* áäæ b moving

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**FINAL DRAFT**  
**prEN 12184**

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English Version

**Electrically powered wheelchairs, scooters and their chargers -  
Requirements and test methods**

Fauteuils roulants électriques, scooters et leurs chargeurs -  
Exigences et méthodes d'essai

Elektrorollstühle und -mobile und zugehörige Ladegeräte -  
Anforderungen und Prüfverfahren

This draft European Standard is submitted to CEN members for unique acceptance procedure. It has been drawn up by the Technical Committee CEN/TC 293.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

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## Foreword

This document (prEN 12184:2009) has been prepared by Technical Committee CEN/TC 293 "Assistive products for persons with disability", the secretariat of which is held by SIS.

This document is currently submitted to the Unique Acceptance Procedure.

This document will supersede EN 12184:2006.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of Council Directive 93/42/EEC of 14 June 1993 concerning medical devices, as amended by Directive 2007/47/EC.

For relationship(s) with the applicable EU Directive(s), see informative Annex ZA, which is an integral part of this document.

Informative Annex F provides details of significant technical changes between this European Standard and the previous editions of 1999 and 2006.

**prEN 12184:2009 (E)**

## Introduction

This is the third edition of this European Standard which was originally issued in 1999. The second edition was published in 2006 but was withdrawn in 2007.

Where this European Standard does not apply to particular wheelchairs, contracting parties should consider whether appropriate parts of this European Standard can be used. Manufacturers might also wish to consider whether appropriate parts of this European Standard can be used to assess the performance of their products against the Essential Requirements of the Council Directive concerning medical devices 93/42/EEC of 14 June 1993, as amended by Directive 2007/47/EC.

This European Standard contains requirements for ergonomic design related to the ease of wheelchair operation. They are intended to be applicable to at least 80 % of adult occupants and are based upon:

- the body size of occupants within the range 5th percentile adult female to 95th percentile adult male,
- the abilities and restrictions of a 65-year-old 50th percentile female, and
- the wheelchair being equipped with operating devices which are not custom-made for individual occupants.