



NSAI
Standards

Irish Standard
I.S. EN 1651:2018+A1:2020

Paragliding equipment - Harnesses - Safety requirements and strength tests

I.S. EN 1651:2018+A1:2020

Incorporating amendments/corrigenda/National Annexes issued since publication:

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National Foreword

I.S. EN 1651:2018+A1:2020 is the adopted Irish version of the European Document EN 1651:2018+A1:2020, Paragliding equipment - Harnesses - Safety requirements and strength tests

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 1651:2018+A1

April 2020

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English Version

**Paragliding equipment - Harnesses - Safety requirements
and strength tests**

Équipement pour le parapente - Sellettes pour
parapente - Exigences de sécurité et essais de
résistance

Ausrüstung für das Gleitschirmfliegen - Gurtzeuge -
Sicherheitstechnische Anforderungen und Prüfung der
Festigkeit

This European Standard was approved by CEN on 13 November 2017 and includes Amendment 1 approved by CEN on 22 November 2019.

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

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European foreword

This document (EN 1651:2018+A1:2020) has been prepared by Technical Committee CEN/TC 136 “Sports, playground and other recreational facilities and equipment”, the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by October 2020, and conflicting national standards shall be withdrawn at the latest by October 2020.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document includes Amendment 1 approved by CEN on 2019-11-22.

The start and finish of text introduced or altered by amendment is indicated in the text by tags **A1** **A1**.

This document supersedes **A1** EN 1651:2018 **A1**.

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EN 1651:2018+A1:2020 (E)

1 Scope

This European Standard is applicable only to harnesses for paragliders. The intermediate attachment system between the harness and the paraglider does not form part of this standard.

This Standard specifies safety requirements and test methods.

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.

EN 12491, *Paragliding equipment - Emergency parachutes - Safety requirements and test methods*

3 Terms and definitions

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

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

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

3.1

paraglider

ultra-light glider with no primary rigid structure, for which take-off and landing are on foot, with the pilot (and potentially one passenger) carried in a harness (or harnesses) connected to the wing

3.2

harness

assembly composed of straps and fabric for supporting the pilot in the seated or semi-recumbent or standing position

Note 1 to entry: The harness is attached to the wing via two rings or connectors, it can also be integral with the wing via risers.

3.3

emergency parachute

emergency device intended to slow the descent of a paraglider pilot in the event of an incident in flight, which is deployed by the pilot by an intentional manual action

3.4

emergency parachute connecting element

element not supplied as an integral part of either a harness or emergency parachute, provided to connect an emergency parachute to a harness

3.5

spreaders

additional parts provided to connect a paraglider to two or more harnesses, and in some cases also to one or more emergency parachutes

3.6

clip-in weight

total weight in flight excluding the paraglider

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