



**NSAI**  
Standards

Irish Standard  
I.S. EN 1647:2018+A1:2021

# Leisure accommodation vehicles - Caravan holiday homes - Habitation requirements relating to health and safety

**I.S. EN 1647:2018+A1:2021**

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

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## National Foreword

I.S. EN 1647:2018+A1:2021 is the adopted Irish version of the European Document EN 1647:2018+A1:2021, Leisure accommodation vehicles - Caravan holiday homes - Habitation requirements relating to health and safety

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**EUROPEAN STANDARD**  
**NORME EUROPÉENNE**  
**EUROPÄISCHE NORM**

**EN 1647:2018+A1**

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English Version

**Leisure accommodation vehicles - Caravan holiday homes  
- Habitation requirements relating to health and safety**

Véhicules habitables de loisirs - Résidences mobiles -  
Exigences d'habitation relatives à la santé et à la  
sécurité

Bewohnbare Freizeitfahrzeuge - Mobilheime -  
Anforderungen an den Wohnbereich hinsichtlich  
Gesundheit und Sicherheit

This European Standard was approved by CEN on 13 May 2018 and includes Amendment 1 approved by CEN on 18 May 2021.

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

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## European foreword

This document (EN 1647:2018+A1:2021) has been prepared by Technical Committee CEN/TC 245 “Leisure accommodation 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of an identical text or by endorsement, at the latest by February 2022, and conflicting national standards shall be withdrawn at the latest by February 2022.

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

This document includes Amendment 1 approved by CEN on 18 May 2021.

This document supersedes A1 EN 1647:2018 A1.

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

In relation to EN 1647:2012, the following main technical changes were implemented:

- a) Figure 1 modified by removing EN 1645-2 and EN 1646-2, which were withdrawn;
- b) in 5.2 “Ceiling height”, requirements specified;
- c) in 5.5 “Glazing”, requirements specified;
- d) (former) 5.6 “kitchen location” and 5.10 “Fire behaviour of materials” deleted;
- e) in 8.1 “Electricity”, earth wiring specified;
- f) 10.1.2 “Escape path” and 10.1.3 “Sanitation compartment” clarified;
- g) 10.1.6 “Emergency windows and emergency panels” modified;
- h) 10.3 “Protection of flammable elements” specified;
- i) in Clause 12 “User's handbook”, new information added and new types of fire extinguishers covered;
- j) new Annex K (informative) “Types of socket outlet in Europe” added;
- k) normative references updated;
- l) editorially modified.

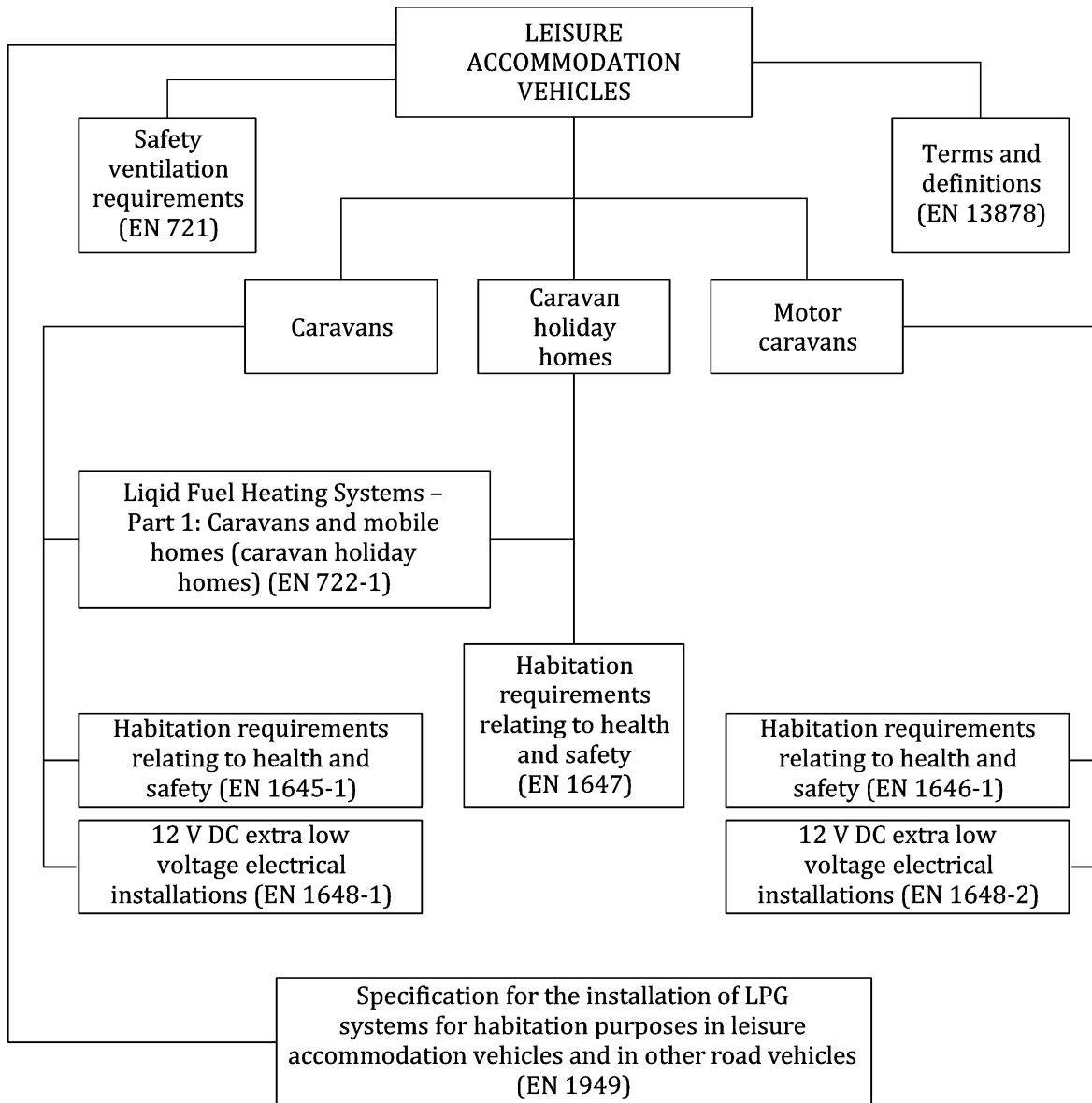
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According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

## EN 1647:2018+A1:2021 (E)

### Introduction

Figure 1 gives an overview of the relevant European Standards for caravans, motor caravans and caravan holiday homes.



**Figure 1 — Overview of relevant European Standards applying to leisure accommodation vehicles**

## 1 Scope

This European Standard specifies requirements intended to ensure safety and health of persons using caravan holiday homes as defined in EN 13878, as temporary or seasonal accommodation.

It specifies grades of resistance to snow loads and the stability of the structure of caravan holiday homes as well as the minimum information to be included in a user's handbook.

It also specifies the corresponding 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 3-7, *Portable fire extinguishers — Part 7: Characteristics, performance requirements and test methods*

EN 624, *Specification for dedicated LPG appliances — Room sealed LPG space heating equipment for installation in vehicles and boats*

EN 721, *Leisure accommodation vehicles — Safety ventilation requirements*

EN 722-1, *Leisure accommodation vehicles — Liquid fuel heating systems - Part 1: Caravans and caravan holiday homes*

EN 747-1, *Furniture — Bunk beds and high beds — Part 1: Safety, strength and durability requirements*

EN 1949, *Specification for the installation of LPG systems for habitation purposes in leisure accommodation vehicles and accommodation purposes in other vehicles*

EN 12600, *Glass in building — Pendulum test — Impact test method and classification for flat glass*

EN 13878, *Leisure accommodation vehicles — Terms and definitions*

HD 60364 (all parts), *Low-voltage electrical installations (IEC 60364 series)*

EN 60598 (all parts), *Luminaires (IEC 60598 series)*

## 3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 13878 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>

## 4 Testing

The tests described in Annexes A to K are intended to verify that a caravan holiday home representative of a given model, including its fixtures and fittings, meets the requirements of this European Standard.

These tests are intended to simulate the most onerous conditions, for the relevant characteristics.

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