



BSI Standards Publication

Leisure accommodation vehicles — 12 V direct current extra low voltage electrical installations

Part 2: Motor caravans

National foreword

This British Standard is the UK implementation of EN 1648-2:2012. It supersedes BS EN 1648-2:2005 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee B/511, Buildings mobile and temporary.

A list of organizations represented on this committee can be obtained on request to its secretary.

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English Version

**Leisure accommodation vehicles - 12 V direct current extra low
voltage electrical installations - Part 2: Motor caravans**

Véhicules habitables de loisirs - Installations électriques à
très basse tension de 12 V en courant continu - Partie 2:
Autocaravanes

Bewohnbare Freizeitfahrzeuge - Elektrische Anlagen für DC
12 V - Teil 2: Motorcaravans

This European Standard was approved by CEN on 16 June 2012.

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Foreword

This document (EN 1648-2:2012) 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of an identical text or by endorsement, at the latest by January 2013, and conflicting national standards shall be withdrawn at the latest by January 2013.

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 supersedes EN 1648-2:2004.

The main technical changes since the previous edition are:

- a) Requirements on tube diameter deleted in 4.2.6 b);
- b) Reference to EC directive 2007/46/EC, Annex II added in 4.2.6;
- c) Clarification added to 4.2.7 and Clause 8 that the warning notice shall be written in the language(s) of the country in which the caravan is to be sold for the first time;
- d) Sub-clause 4.4 amended;
- e) Sub-clause 5.2 "Fixed wiring" amended;
- f) Note added in 6.2;
- g) Clause 7 "Installation of appliances" amended;
- h) Normative references adapted to above changes;
- i) Annex A revised editorially
- j) Figure 1 added to Foreword.

EN 1648, *Leisure accommodation vehicles - 12 V direct current extra low voltage electrical installations* contains the following parts:

- *Part 1: Caravans*;
- *Part 2: Motor caravans* (the present document).

This document is one of a series covering the habitation aspects of leisure accommodation vehicles.

Requirements for 12 V direct current extra low voltage electrical installations for caravans are specified in EN 1648-1.

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, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.