

INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 1
AMENDEMENT 1

**Household and similar electrical appliances – Safety –
Part 2-37: Particular requirements for commercial electric doughnut fryers and
deep fat fryers** (<https://standards.iteh.ai>)

**Appareils électrodomestiques et analogues – Sécurité –
Partie 2-37: Exigences particulières pour les friteuses et les friteuses à beignets
électriques à usage commercial** [S-2-37:2021/AMD1:2025](https://standards.iteh.ai/catalog/standards/iec/7f6bb246-7211-4d4f-b209-db9a1ec005d9/iec-60335-2-37-2021-amd1-2025)





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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES –
SAFETY –**

**Part 2-37: Particular requirements for commercial
electric doughnut fryers and deep fat fryers**

AMENDMENT 1

FOREWORD

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Amendment 1 to IEC 60335-2-37:2021 has been prepared by IEC technical committee 61: Safety of household and similar electrical appliances.

The text of this Amendment is based on the following documents:

Draft	Report on voting
61/7243/CDV	61/7350/RVC

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 Amendment 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. The main document types developed by IEC are described in greater detail at www.iec.ch/publications/.

A list of all parts of the IEC 60335 series, under the general title: *Household and similar electrical appliances – Safety*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn, or
- revised.

1 Scope

At the end of the second paragraph, add "including direct current (DC) supplied appliances."

Delete the last dashed item for battery-operated appliances.

3 Terms and definitions [IEC 60335-2-37:2021/AMD1:2025](http://standards.iteh.ai/catalog/standards/iec/7f6bb246-7211-4d4f-b209-db9a1ec005d9/iec-60335-2-37-2021-amd1-2025)

3.1.9 Replace "Replacement" with the following:

Modification:

Replace the first paragraph with the following:

11 Heating

11.7 Replace "Replacement" with the following:

Modification:

Replace the first paragraph with the following:

12 Charging of metal-ion batteries

Replace the existing text with the following:

This clause of Part 1 is applicable.

20 Stability and mechanical hazard

20.2 Add the following before the addition:

Modification:

Replace the first sentence of the second paragraph with the following:

Protective enclosures, guards and similar parts shall be **non-detachable parts** or shall be interlocked and shall have adequate mechanical strength.

Add the following new subclauses:

20.101 For appliances with automated raising and lowering of the basket, the motorized parts shall not be able to entrap the fingers or hands of the user during operation or cleaning.

Compliance is checked by inspection.

The force acting on fingers and hands shall not be greater than that contributed to the total weight of the basket including the maximum food load in accordance with the instructions for use.

20.102 Automatic opening and closing of the lid shall not cause a hazard.

For a motorized tilting movement of the lid, compliance is checked by verifying that, in the middle of the front edge of the appliance when the distance between the moving lid and the fixed closing edge of the appliance is 50 mm while closing, the following thresholds are not exceeded:

- a surface pressure of 50 N/cm²;
- a force of 150 N; and
- a kinetic energy of 4 J, measured or calculated during lid closure.

NOTE Motorized movement performed by a hold-to-run device is not considered an automatic operation.

Annex B (normative)

Battery-operated appliances, separable batteries and detachable batteries for battery-operated appliances

Delete this annex so that Part 1 applies without modification.
