

Commission Regulation (EC) No 278/2009 of 6 April 2009 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for no-load condition electric power consumption and average active efficiency of external power supplies (Text with EEA relevance) (repealed)

Article 1

Subject matter and scope

- 1 This Regulation establishes ecodesign requirements related to electric power consumption in no-load condition and average active efficiency of external power supplies.
- 2 This Regulation shall not apply to:
 - a voltage converters;
 - b uninterruptible power supplies;
 - c battery chargers;
 - d halogen lighting converters;
 - e external power supplies for medical devices;
 - f external power supplies placed on the market no later than 30 June 2015 as a service part or spare part for an identical external power supply which was placed on the market not later than one year after this Regulation has come into force, under the condition that the service part or spare part, or its packaging, clearly indicates the primary load product(s) for which the spare part or service part is intended to be used with.

Article 2

Definitions

For the purposes of this Regulation, the definitions set out in Directive 2005/32/EC shall apply.

The following definitions shall also apply:

1. ‘external power supply’ means a device which meets all of the following criteria:
 - (a) it is designed to convert alternating current (AC) power input from the mains power source input into lower voltage direct current (DC) or AC output;
 - (b) it is able to convert to only one DC or AC output voltage at a time;
 - (c) it is intended to be used with a separate device that constitutes the primary load;
 - (d) it is contained in a physical enclosure separate from the device that constitutes the primary load;
 - (e) it is connected to the device that constitutes the primary load via a removable or hard-wired male/female electrical connection, cable, cord or other wiring;
 - (f) it has nameplate output power not exceeding 250 Watts;

Status: Point in time view as at 31/01/2020.

Changes to legislation: There are outstanding changes not yet made to Commission Regulation (EC) No 278/2009 (repealed). Any changes that have already been made to the legislation appear in the content and are referenced with annotations. (See end of Document for details)

- (g) [F1it is intended for use with electrical and electronic household and office equipment as referred to in Article 2(1) of Regulation (EC) No 1275/2008 or with computers as defined in Commission Regulation (EU) No 617/2013⁽¹⁾];
2. ‘low voltage external power supply’ means an external power supply with a nameplate output voltage of less than 6 volts and a nameplate output current greater than or equal to 550 milliamperes;
 3. ‘halogen lighting converter’ means an external power supply used with extra low voltage tungsten halogen lamps;
 4. ‘uninterruptible power supply’ means a device providing automatically backup power when the electrical power from the mains power source drops to an unacceptable voltage level;
 5. ‘battery charger’ means a device which connects directly to a removable battery at its output interface;
 6. ‘voltage converter’ means a device converting 230 V mains power source output to 110 V power output with characteristics similar to mains power source output characteristics;
 7. ‘nameplate output power’ (P_O) means the output power as specified by the manufacturer;
 8. ‘no-load condition’ means the condition in which the input of an external power supply is connected to the mains power source, but the output is not connected to any primary load;
 9. ‘active mode’ means a condition in which the input of an external power supply is connected to the mains power source and the output is connected to a load;
 10. ‘active mode efficiency’ means the ratio of the power produced by an external power supply in active mode to the input power required to produce it;
 11. ‘average active efficiency’ means the average of the active mode efficiencies at 25 %, 50 %, 75 % and 100 % of the nameplate output power.

Textual Amendments

- F1** Substituted by [Commission Regulation \(EU\) No 617/2013 of 26 June 2013 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for computers and computer servers \(Text with EEA relevance\)](#).

Article 3

Ecodesign requirements

The ecodesign requirements related to no-load electric power consumption and average active efficiency of external power supplies placed on the market are set out in Annex I.

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Article 4

Conformity assessment

The procedure for assessing conformity referred to in Article 8 of Directive 2005/32/EC shall be the internal design control system set out in Annex IV of Directive 2005/32/EC or the management system for assessing conformity set out in Annex V of Directive 2005/32/EC.

Article 5

Verification procedure for market surveillance purposes

Surveillance checks shall be carried out in accordance with the verification procedure set out in Annex II.

Article 6

Indicative benchmarks

The indicative benchmarks for best-performing products and technology currently available on the market are identified in Annex III.

Article 7

Revision

No later than four years after the entry into force of this Regulation the Commission shall review it in the light of technological progress and present the result of this review to the consultation forum.

Article 8

Amendments to Regulation (EC) No 1275/2008

Regulation (EC) No 1275/2008 is amended as follows:

1. The following second paragraph is added to Article 1:

This Regulation shall not apply to electrical and electronic household and office equipment placed on the market with a low voltage external power supply.
2. The following point 9 is added to Article 2:
 9. “low voltage external power supply” means an external power supply with a nameplate output voltage of less than 6 volts and a nameplate output current greater than or equal to 550 milliamperes.

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Article 9

Entry into force

This Regulation shall enter into force on the 20th day following its publication in the *Official Journal of the European Union*.

Point 1(a) of Annex I shall apply as from one year after the date referred to in the first paragraph.

Point 1(b) of Annex I shall apply as from two years after the date referred to in the first paragraph.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Status: Point in time view as at 31/01/2020.

Changes to legislation: There are outstanding changes not yet made to Commission Regulation (EC) No 278/2009 (repealed). Any changes that have already been made to the legislation appear in the content and are referenced with annotations. (See end of Document for details)

(1) [^{F1}OJ L 175, 27.6.2013, p. 13.]

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Textual Amendments

- F1** Substituted by [Commission Regulation \(EU\) No 617/2013 of 26 June 2013 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for computers and computer servers \(Text with EEA relevance\).](#)

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