

Necessary content of Technical Documentation

Standby and off mode

electric power consumption of electrical and electronic household appliances and office equipment

Electrical and electronic appliances are covered by ecodesign requirements according to Regulation (EC) No 1275/2008.

The requirements apply to electrical and electronic household appliances and office equipment as described in Article 1 and 2 of the Regulation. Be aware that there are amendments to Article 1 in Regulation (EC) No 278/2009 and to Article 2 in Regulation (EU) No 617/2013 Article 4.

The documentation shall be produced before the product is placed on the market.

The technical documentation shall be sufficient to enable assessment of the conformity of the product with the requirements. In this respect it is important that test reports are included in the technical documentation.

Technical documentation for standby and off mode electric power consumption of electrical and electronic household appliances and office equipment

Demands	How to comply
Name and address of supplier	Company name and complete address.
General description	Description of the model so that it is easily identified (model name and number, size etc.).
List of applied standards	Applied measurement standards (harmonised standards and/or other standards).
Identification and signature of the person empowered to bind the supplier	Name and signature of the person responsible for the product.
Power consumption, information about test conditions, equipment etc.	<p>For each standby and/or off mode</p> <ul style="list-style-type: none"> The power consumption data in Watt* The measurement method used Description of how the appliance mode was selected or programmed The sequence of events to reach the mode where the equipment automatically changes modes Any notes regarding the operation of the equipment <p>Test conditions</p> <ul style="list-style-type: none"> Ambient temperature Test voltage in V and frequency in Hz Total harmonic distortion (THD) of the electricity supply system Information and documentation on the instrumentation, set-up and circuits used for electrical testing <p>Characteristics of equipment</p> <ul style="list-style-type: none"> State the availability of off mode and/or standby mode and power management according to Annex II point 2(c) and 2(d) of the Regulation, if applicable, including the time taken to automatically reach the mode Technical justification should be provided if the requirements on Annex II point 2(c) or 2(d) of the Regulation are inappropriate for intended use of the appliance

Power consumption shall comply with the requirement described in the Regulation Annex II point 1 (a),(b) and point 2 (a),(b).

Point 2(c): Availability of off mode and/or standby mode.

Point 2(d): Provision of power management.

* Round to the second decimal place.

This guide presents the contents of the Regulations and is addressed to manufacturers, importers and others interested. The guide is not a substitution for the Regulations, and in any case of doubt, the Regulations are applicable. This guide is not legally binding as a binding interpretation can only be made by the EU court.

COMMISSION REGULATION (EC) No 1275/2008 of 17 December 2008 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for standby and off mode electric power consumption of electrical and electronic household and office equipment

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

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

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