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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SN/T 3531-2013

Evaluation method for standby and off mode electric power consumption of electrical and electronic appliances for import and export

进出口电子电器产品待机和关机功耗评价方法

(English Translation)

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Preview: page 1 of 3 shown, 7 in the full document. Complete English PDF, instant download:
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Table of Contents

Foreword

1 Scope

2 Normative references

3 Terms and Definitions

Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

The standard standby and shutdown power requirements equivalent to Commission Regulation (EC) 2008 the first phase requirements No1257 /.

Please note that some of the content of this document may involve patents. Release mechanism of the present document does not assume responsibility for the identification of these patents.

This standard is proposed and managed by the National Certification and Accreditation Administration Committee.

This standard was drafted. People's Republic of China Jiangsu Entry-Exit Inspection and Quarantine Bureau, People's Republic of China Fujian Entry-Exit Inspection and Quarantine Bureau.

1 Scope

This standard specifies the general requirements for electrical and electronic products standby and off power evaluation method, for electrical and electronic products, standby and off Power proposed limit requirements, test methods and inspection rules.

This standard applies to rated voltage not exceeding 250V, when connected to the power grid work, electrical and electronic products for end users. This standard Involved in electrical and electronic products especially household appliances, home (office) information technology equipment and recreational equipment, see Appendix A.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

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GB/T 2828.1-2003 Sampling procedures for inspection - Part 1. by acceptance quality limit (AQL) retrieval batch test sample plan IEC 62301:2005 Household appliances standby power measurement Commission Regulation (EC) No1275/2008, on the ecology on household and office electrical and electronic equipment in standby and off power set Design requirements, the implementation of the European Parliament and Council Directive 2005/32/EC

3 Terms and Definitions

The following terms and definitions apply to this document.

Inspection Lot for the implementation of import and export inspection and collection of contract, type and apply the test of time to distinguish a certain number of products, referred to as batch.

Shutdown mode offmode the appliance connected to the power, but does not provide a device status of any function, then the device is the minimum energy state.

Note: If only the shutdown status indicator (light emitting diode) are also considered off mode.

Standby mode the appliance connected to the power supply, only continue to provide the restart information or status display function without state to perform its primary function.

Note: The start function is through the remote control, internal sensor or clock enable state switching devices in order to achieve the main function of providing a functional purpose. letter Information or status display refers to display device status information or functionality, but this feature can not be the main function of the device.

Restart function reactivation One kind by remote switch, including remote control, internal sensor and a timer activation of other modes (including activation mode), which provided Enter into a prepared provide additional functionality (including the main function) of the operational status of the function.

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