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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 19212.6-2013

Replacing GB 19212.6-2006

[GB/T 19212.6-2013] Safety of transformers, reactors, power supply units and combinations thereof -- Part 6: Particular requirements and test for transformer for shavers, power supply units for shavers and shaver supply units

变压器、电抗器、电源装置及其组合的安全 第6部分：剃须刀用变压器、剃须刀用电源装置及剃须刀供电装置的特殊要求和试验

(English Translation)

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Foreword

All technical content in this section is mandatory.

GB 19212 "of power transformers, power supplies, reactors and similar products -" 1) is divided into several parts.

1) This series of standards, some parts are under "power transformers, power supplies, reactors and similar products," the title, some parts in the "Supply Voltage

And to 1100kV of transformers, reactors, power supply units and similar products "under the heading, some parts in the" transformers, reactors, electrical

Under the source device and the combination is safe, "the title, the title of this series of standards may be modified in future releases.

Part 1. General requirements and tests;

Part 2. Particular requirements and general purpose test transformer isolated and built separate transformer power supply;

Part 3. Specific requirements and test transformer control and built-in control transformer power supply;

Part 4. Gas and oil burner ignition transformers for special requirements;

Part 5. Specific requirements and test isolation transformer isolation and built-in transformer power supply device;

Part 6. shaver transformer, and shaver shaver supply units power supply unit Particular requirements and tests;

Part 7. Particular requirements and tests for safety isolating transformers and built-in safety isolating transformer power supply device;

Part 8. Particular requirements for transformers for toys and power supplies and test;

Part 9. Particular requirements for bell and bell transformers;

Part 10. Class III portable tungsten transformer and power devices - Particular

requirements and tests;

Part 13. Particular requirements for constant voltage transformers;

Part 14. Particular requirements for auto transformers and autotransformers built power supply device;

Part 16. supply of medical locations Particular requirements for isolating transformers;

Part 17. switched-mode power supply units and switch-mode power supply unit with the special requirements for transformers and tests;

Part 20. Particular requirements for interference attenuation transformers;

Part 21. Small reactors Particular requirements and tests;

Part 24. Particular requirements for transformers for construction sites.

Other parts are under consideration.

This is Part 6 GB 19212's. This is part of the GB 19212.1-2008 developed on the basis of this part of the need and

GB 19212.1-2008 and No. 1 in conjunction with amendments. This part is the GB 19212.1-2008 corresponding chapter, article be Complement

Charge and modified so that the content of GB 19212.1-2008 conversion based content portions. This new section for the GB 19212.1-2008

Additions numbered starting from 101.

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

This Part replaces GB 19212.6-2006 "Safety - Part 6 power transformers, power supply units and similar products. shaving with change

Particular requirements for pressure and shaver supply units. "

This section compared with GB 19212.6-2006, the main technical changes are as follows.

--- Standard name changed to "transformers, reactors, power supply units and combinations thereof - Safety - Part 6. shaver transformers, shaving

Particular requirements and tests "blade shaver with power supply unit and power supply means;

--- Amend the provisions of Chapter 1 Scope (see Chapter 1);

--- Modify the term "shaver transformers" and the definition of "razor-powered device" (see 3.1.101 and 3.1.102);

--- Remove the rated output voltage specified preferred value range (see 2006 edition of 6.101);

- Increased provision independent transformer no-load output voltage limit (see 12.101);
- Remove the GB 19212.1-2008 Chapter 18 provisions do not apply (see the 2006 edition of the 18.2 and 18.3);
- Amend the provisions of the structure (see Chapter 19);
- Removed Appendices C and D (see the 2006 edition of Appendices C and D).

This section uses the translation method identical with IEC 61558-2-5:2010 "transformers, reactors, power supply units and combinations Safety

Part 2-5. shaver transformer, and shaver shaver supply units power supply unit Particular requirements and tests. "

Consistency correspondence between this part of international documents and normative references of our files are as follows.

GB 17466 (all parts) for household and similar fixed electrical installations boxes and enclosures for electrical accessories [IEC 60670 (all parts), IDT]

This part made the following editorial changes.

- Standard name changed to "transformers, reactors, power supply units and combinations thereof - Safety - Part 6. shaver transformers, shaving

Particular requirements and tests "blade shaver with power supply unit and power supply means;

- Chapter 2, "Normative references" with "GB 19212.1-2008 amendments No. 1" instead of "IEC 61558-1:2005".

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 part is proposed by the China Electrical Equipment Industrial Association.

This part of the National Small power transformers, reactors, power supply units and similar products Standardization Technical Committee (SAC/TC418)

Centralized.

This section is drafted. Shenyang Transformer Research Institute Co., Ltd., Shanghai Quality Supervision, Inspection Technology Research Institute, National Broadcasting electricity

Depending on the product quality supervision and inspection center, Shenzhen Institute of Electrical Sciences, Chinese Academy of household appliances, high-Hui Electronics Co.,

Ltd. Tianjin Optical.

1 Scope

GB 19212.1-2008 this chapter is replaced by the following.

GB This section 19212 specifies the shaver transformers, power supply units built shaver transformers and shaver supply unit

Safety requirements. With electronic circuits shaver transformers are also included in this section.

Note 1: Safety requirements including electrical, temperature, mechanical and chemical.

Unless otherwise specified, the following "transformer" includes shaver transformers, power transformers built shaver and shaver supply unit

Means.

This section applies in a vertical, single-phase air-cooled (self-cooled or air-cooled), with independent or supporting the use of dry-type transformers. Windings can be

Encapsulated or non-encapsulated type.

This section applies to the internal operating frequency not exceeding 500Hz transformers and power supply (linear).

This section also applies to the internal operating frequency exceeding 500Hz power and should be used in conjunction with GB 19212.17. When the two standards

When a conflict, give priority to the most stringent standards.

Rated supply voltage not exceeding AC 250V, rated supply frequency not exceeding 500Hz.

20VA rated output of not less than and not more than 50VA.

Load output voltage does not exceed AC 275V, and the rated output voltage does not exceed AC 250V.

This section does not apply to scheduled to be connected to the input and output terminals or output receptacle transformer circuit and external components.

When installation procedures or between the bathroom and electrical specification requirements for the installation site similar circuit is double or reinforced insulation, you can use this

It comprises a portion of a transformer.

Note 2: This section includes a transformer can be fitted in or surface mounted on the lighting and mirrors, or mount containing one or more of its output socket