

ICS 29.180
CCS K 41



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

GB 19212.7-2012

Replacing GB 19212.7-2006

Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V - Part 7: Particular requirements and test for safety isolating transformers and power supply units incorporating safety isolating transformers

电源电压为1 100V及以下的变压器、电抗器、电源装置和类似产品的安全 第7部分：安全隔离变压器和内装安全隔离变压器的电源装置的特殊要求和试验

(English Translation)

Issued on: June 29, 2012

Implemented on: May 1, 2013

Issued by: Standardization Administration of China

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Material group II (400≤CTI Foreword

All technical content in this Part of GB 19212 is mandatory.

GB 19212 "of power transformers, power supplies, reactors and similar products -" 1) now

includes the following sections.

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 for the next 1100V and below transformers, reactors, power supply units and similar products," the title, the title of this series of standards possible future release it will be modified.

- 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 control and built-in control transformer power supply;
- Part 4. Gas and oil burner ignition transformers for special requirements;
- Part 5. Particular requirements and tests and built-in isolation transformer isolation transformer power supply device;
- Part 6. Particular requirements for shaver transformers and shaver supply units;
- 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. Particular requirements for class III portable transformers for filament lamps;
- Part 13. Particular requirements for constant voltage transformers;
- Part 14. Particular requirements for auto and test transformers and autotransformers built power supply device;
- Part 15. Particular requirements for the regulator;
- 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;
- Part 24. Particular requirements for transformers for construction sites.

Other parts are under consideration.

This is Part 7 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 supplement and modified so GB of content 19212.1-2008 Conversion-oriented part of the contents. The newly added section for GB 19212.1-2008 content numbered starting from 101.

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

19212.7-2006 "Safety - Part 7 of power transformers, power supply units and similar products of this section instead of GB . General Purpose Security Particular requirements for full isolation transformer ", compared with GB 19212.7-2006, the main technical changes are as follows.

- a) the standard name to "supply voltage of 1100V and below transformers, safe reactors, power supply units and similar products Part 7. safety isolating transformers and safety isolating transformers built power supply unit Particular requirements and tests ";
- b) Chapter 1 increase in the content of the relevant safety isolating transformers built power-related;
- c) The standard supply voltage up to 1100V;
- d) modify the contents of 19.1, complementing the output circuit of claim;
- e) an increase of R changes to Appendix.

This section uses the translation method identical with IEC 61558-2-6:2009 "supply voltage is 1100V and below transformers, reactors, Safe power supply units and similar products - Part 2-6. safety isolating transformers and safety isolating transformer built a special power supply unit Requirements and testing "(in English).

For ease of use, this part of the IEC 61558-2-6:2009 also made the following editorial changes.

- a) "this International Standard" by "this section";
- b) Remove IEC 61558-2-6:2009 Foreword.

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, China Electronics Standardization Institute, National Radio and Television Product Quality Supervision and Inspection Test center (Beijing Terrett Detection Technology Services Co., Ltd.), the Ministry of Industry Institute of Electronics fifth quality inspection center, Shanghai quality