

ICS 25.140.20

CCS K 64



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

GB 4706.64-2012

Replacing GB 4706.64-2003

**Safety of household and similar electrical appliances -- Part 2:
Particular requirements for scissor type grass shears**

家用和类似用途电器的安全 第2部分：剪刀型草剪的专用要求

(English Translation)

Issued on: November 5, 2012

Implemented on: May 1, 2013

Issued by: Standardization Administration of China

Table of Contents

Introduction	
Introduction	
1 Scope	
2 Normative References	
2 3 Definitions	
4 General Requirements	
General conditions for 5 tests	
6 Category	
7 Marking and instructions	
8 Protection against access to live parts	
9 Start electric appliances	
10 Power input and current	
11 Fever	
12 Void	
Leakage current and electric strength at operating temperature 4	
14 Transient overvoltages	
15 Moisture resistance	
16 5 Leakage current and electric strength	
Transformer 17 and associated circuitry overload	
18 Endurance	
Abnormal operation 19	
5 20 Stability and mechanical hazards	
21 Mechanical strength	
22 Structure	
Internal wiring 23	
24 Elements	
Coupling the external power supply 25 and the cord	
26 With the external lead terminals	
27 Earthing	
28 And screw connection	
29 Creepage distances and clearances solid insulation	
30 And fire resistant	

31 9 rust

32 Radiation, toxicity and similar hazards

Appendix

Annex B (normative) appliance 14 is powered by a rechargeable battery

Annex D (normative) motor thermal protector

A motor having only basic insulation Annex I (normative) suitable appliance rated voltage

Symbols Appendix AA (informative) for scissors type grass shears

Appendix BB (informative) vibration

Annex CC (normative) Noise test code - Engineering method (Grade 2 accuracy)

Examples Appendix DD (informative) materials and structures in line with the requirements of artificial ground (see CC.4.1)

Appendix EE (informative) Safety Instructions

Reference

FIG member shearing device 101 - the width of cut

Foreword

All technical contents of this section is mandatory.

--- GB 4706 "Household and similar electrical appliances - Safety" is divided into several sections.

--- GB 4706.54 "Safety - Part 2 Household and similar electrical appliances. pedestrian and handheld trimmers, lawn edge trimmers Special requirements ";

--- GB 4706.64 "Part 2 Safety and similar household electrical appliances. scissor-type grass shears requirements";

--- GB 4706.65 "Safety - Part 2 Household and similar electrical appliances. pedestrian-controlled electric lawn scarifiers and Songsha machine Special requirements ";

--- GB 4706.78 "Part 2 Safety and similar household electrical appliances. pedestrian controlled lawnmower requirements for";

--- GB 4706.79 "Part 2 Safety and similar household electrical appliances. a hand-held gardening power chip blower, dust suction and blowing machine Dual requirements for absorption machines. " this section GB 4706.64 "Part 2 Safety and similar household electrical appliances. scissor-type grass shears requirements." this section drafted in accordance with the rules GB/T 1.1-2009 given.

Please note that some of the content of this document may involve patents. The issuing authority of this document does not assume responsibility to identify these patents.

This partial replacement GB 4706.64-2003 "Household and Similar Electrical Appliances scissor type grass shears requirements." GB 4706.64-2003 comparison with this part, the main technical changes are as follows.

- modify the scope of this relates to scissor type grass shears (see Chapter 1);
- modify and increase the part of the definition (see Chapter 3);
- 6.1,11.7,22.35 editorial changes;
- In the "signs and instructions", the increase in the placement of the address of the manufacturer, year of identification, warning and information content, language, symbols map Shape, a predetermined color (see 7.1);
- amend the provisions of the operating manual (see 7.12);
- deleted the original 8.1;
- deleted the original 10.1;
- Chapter 10 does not apply to modifications;
- Chapter 11 11.4,11.6 amended as NA;
- revised 11.5;
- increasing the durability requirements (see 18.101,18.102);
- Chapter 19 19.7 revised to NA;
- 20.1 --- deleted Chapter 20, increasing the general requirements (see 20.101), (except for the shearing device) power drive assembly (see 20.102), the shearing device configuration (see 20.103) and hand protection (see 20.104);
- modify the "strength and rigidity" in the first paragraph of the test method (see 21.101.1), increasing the strength and rigidity of the shearing device (see 21.102);
- amend the provisions of section 22.12 of;
- an increase of 22.40;
- increased extension rod controller (see 22.101) and shearing means shield (see 22.102);
- Additional modifications to the predetermined switch (see 24.1.3);
- revised 25.1,25.5,25.7;
- increased 25.7.101;
- Chapter 28 --- revised to apply;
- 29.2 increase "pollution 3 apply to this instrument" requirement;

--- change the provisions of Chapter 31;

--- modifications and additions to Appendix B, Appendix AA, Annex BB, Appendix CC, Appendix DD, appendix EE, and increased by reference.

This section is equivalent to using IEC 60335-2-94:2008 (Version 3.0) "Safety Section 2 and similar household electrical appliances. scissor-type grass Shears requirements ", and equivalents employed 60335-1 IEC .2004 (4.1 version)" of the first portion and similar household electrical appliances. pass Used with the General requirements ". a requirement," the development of GB 4706.1-2005 "household and similar electrical appliances - Safety - Part 1.

This section states that "suitable", showing the corresponding provisions applicable in GB 4706.1-2005; stated in this section, "Change", and should the provisions of this section prevail; this standard states "Edit", and indicates the corresponding provision of GB 4706.1-2005 content should be present After some changes the contents of the subject, and the provision of other content still apply; this states "addition", expressed in addition to compliance with GB 4706.1-Outside the corresponding provision 2005, this section shall comply with the added provision.

Consistency correspondence relationship with international documents in this section of our normative references the following documents.

--- Engineering method of noise sources sound power level a reflecting plane free field GB/T 3767-1996 sound pressure (EqvISO 3744.1994)

--- GB/T 8890-2007 seamless copper alloy heat exchanger (EN12449:1999, MOD)

--- GB/T 10396-2006 tractors and agricultural machinery, lawn and garden equipment - Safety signs and hazard pictorials - General principles (ISO 11684:1995, MOD)

--- GB/T 16273.1-2008 Graphical symbols apparatus Part 1. Common symbols (ISO 7000:2004, NEQ)

--- GB/T 17248.2-1999 acoustic noise emitted by machinery and equipment and other operating position specified position emission sound pressure A reflecting surface of the measurement stage Engineering method in free field (eqvISO 11201.1995) this section was proposed by China Electrical Equipment Industrial Association.

This part of the jurisdiction of the National Power Tools Standardization Technical Committee (SAC/TC68).

This section was drafted. Shanghai Electric Tool Research Institute.

This part mainly drafted. Gu Jing, Li Bang Association, Yin Haixia, Liu Jiang.

This section replaces the following previously issued as follows.

--- GB 4706.64-2003.