



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

GB/T 15934-2024

**Electrical accessories - Cord sets and interconnection cord
sets**

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Table of Contents

Foreword...	3
1 Scope...	7
2 Normative References...	7
3 Terms and Definitions...	8
4 General Requirements...	10
5 Requirements...	10
6 Electrical Continuity and Polarity...	13
7 EMC Requirements...	13

Foreword

This Document was drafted as per the rules specified in GB/T 1.1-2020 Directives for Standardization - Part 1. Rules for the Structure and Drafting of Standardizing Documents.

This Document replaced GB/T 15934-2008 Electrical Accessories - Cord Sets and Interconnection Cord Sets, and GB/T 26219-2010 Electrical Accessories-Y-Splitter Cord Sets

and Y-Splitter Interconnection Cord Sets. This Document mainly adopts GB/T 15934-2008, integrating the contents of GB/T 26219-2010. Compared with GB/T 15934-2008, the major technical changes of this Document are as follows besides the structural adjustments and editorial modifications.

--- Change the definition of cord sets; added the types of cord sets with two connectors (see

3.1 of this Edition; 3.1 of the 2008 Edition);

--- Change the definition of interconnection cord sets; add the types of interconnection cord sets with two connectors (see 3.2 of this Edition; 3.2 of the 2008 Edition);

--- Add the terms and definitions of cord sets for use at higher ambient temperatures, Y-splitter cord sets, interconnection cord sets for use at higher ambient temperatures, Y-splitter interconnection cord sets, non-rewirable accessories, and Y-splitter

interconnection part (see 3.1.1, 3.1.2, 3.2.1, 3.2.2, 3.3, 3.6 of this Edition);

--- Change the requirements for components (see 5.1 of this Edition; 5.1 of the 2008 Edition);

--- Add the requirements for the rated current of the plug connector (see 5.2.2 of this Edition);

--- Change the classification reference standard for the protection against electric shock of equipment (see 5.2.3 of this Edition; 5.2.3 of the 2008 Edition);

--- Change the wire types for cord sets and interconnection cord sets (see Table 1 of this Edition; Table 1 of the 2008 Edition);

--- Delete the requirements for wire length (see 5.2.6 of the 2008 Edition);

--- Change the requirements for checking electrical continuity and polarity (see Clause 6 of this Edition; Clause 6 of the 2008 Edition);

--- Change the routine safety tests for factory-wired cord sets and interconnection cord sets (see Appendix A of this Edition; Appendix A of the 2008 Edition);

--- Add the requirements for Y-splitter interconnection part (see Appendix B of this Edition).

This Document modifies and adopts IEC 60799.2018 Electrical Accessories - Cord Sets and

Interconnection Cord Sets.

The technical differences and the causes between this Document and IEC 60799.2018 are as

follows.

--- Replace IEC 60320-1 (see Clauses 3 and 5) by the normatively referenced GB/T 17465.1-

2022 to adapt to China's technical conditions and increase operability;

--- Replace IEC 60884-1 (see Clause 5) by the normatively referenced GB/T 2099.1 to adapt

to China's technical conditions and increase operability;

--- Replace IEC 60320-2-3 (see 5.1) by the normatively referenced GB/T 17465.3 to adapt to China's technical conditions and increase operability;

- Change the requirements for equipment classification. According to China's plug type, change 5.2.3 to a cord set equipped with a connector for Class II equipment can be equipped with a plug for Class I equipment that complies with GB/T 1002 to adapt to China's technical conditions and increase operability;
- Replace IEC 61140 by the normatively referenced GB/T 17045 to adapt to China's technical conditions and increase operability (see 5.2.3 of this Edition);
- Change the inspection requirements for electrical continuity and polarity (see Clause 6 of this Edition) to adapt to China's technical conditions and increase operability;
- Add the requirements for Y-splitter interconnection part (see Appendix B of this Edition) to adapt to China's technical conditions and increase operability.

This Document made the following editorial modifications.

- Incorporate the content of IEC 60799:2018/AMD1:2022, and mark it with a vertical double line (||) on the outside;
- Supplement "This Document specifies the requirements for components, the entire assembly, electrical continuity and polarity of cord sets and interconnection cord sets used in household and similar equipment so as to comply with the provisions of GB/T 1.1" in Clause 1 "Scope";
- Change the NOTES of the marking parts (see 5.2.4 of this Edition) to adapt to China's technical conditions and increase operability;
- Add Bibliography.

Please note some contents of this Document may involve patents. The issuing agency of this

Document shall not assume the responsibility to identify these patents.

This Document was proposed by China Electrical Equipment Industrial Association.

This Document shall be under the jurisdiction of National Technical Committee on Electrical Accessories of Standardization Administration of China (SAC/TC 67).

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