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

GB 2099.7-2024

Replacing GB/T 2099.7-2015

**Cord extension socket-outlets for household and similar
purposes - Safety technical specification**

家用和类似用途延长线插座 安全技术规范

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part

1. Structure and drafting rules for standardization documents" Drafting. This document is Part 7 of Plugs and Sockets for Household and Similar Purposes. Plugs and Sockets for Household and Similar Purposes has been published as follows part.

--- Plugs and sockets for household and similar purposes Part

1. General requirements (GB/T 2099.1);

--- Plugs and sockets for household and similar purposes Part

2. Particular requirements for appliance sockets (GB/T 2099.2).

--- Plugs and sockets for household and similar purposes Part 2-

5. Particular requirements for converters (GB/T 2099.3);

--- Plugs and sockets for household and similar purposes Part

2. Particular requirements for fixed non-interlocking switched sockets (GB/T 2099.4);

--- Plugs and sockets for household and similar purposes Part

2. Particular requirements for fixed interlocking switches and sockets (GB/T 2099.5);

--- Plugs and sockets for household and similar purposes Part

2. Particular requirements for plugs with fuses (GB/T 2099.6);

1 Scope

GB 2099.7-2024 is the Chinese national standard on cord extension socket-outlets for household and similar purposes - safety technical specification, in the field of electrical engineering. It carries no /T suffix, which in the Chinese system means compliance is mandatory: a product or a practice within its scope has to meet it to be lawfully made, sold or carried out in China. It was issued on 24 July 2024 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 August 2025. Classification: ICS 29.120.30, CCS K 30. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document specifies the classification, main technical parameters, requirements, signs, symbols and instructions, inspection rules of extension cord sockets, and describes the relevant Appropriate test method. This document applies to extension cord sockets for household and similar purposes, whether for indoor or outdoor use. This document also applies to mobile sockets intended to be connected to a flexible cable.

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document. For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to This document.

GB 1002-2024 Types, basic parameters and dimensions of single-phase plugs and sockets for household and similar purposes

GB/T 2099.1-2021 Plugs and sockets for household and similar purposes Part

3 Standard loose-leaf and gauges

GB/T 17799.1 General standard for electromagnetic compatibility Immunity in residential, commercial and light industrial environments

GB 17799.3 General standard for electromagnetic compatibility Part

4 Contents related to safety in standards

GB/T 20234.1-2023 Connection devices for conductive charging of electric vehicles Part