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

GB/T 38099.3-2026

**Treatment requirements for waste electrical and electronic
products - Part 3: Servers**

废弃电器电子产品处理要求 第3部分：服务器

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents". Drafting. This document is Part 3 of GB/T 38099, "Requirements for the Disposal of Waste Electrical and Electronic Equipment". GB/T 38099 has published the following... part.

1. Small IT Devices and Communication Products;

2. Appliances Containing Refrigerants;

4. Medical Service Equipment. Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed and is under the jurisdiction of the National Technical Committee on Environmental Standardization of Electrical and Electronic Products and Systems (SAC/TC297). This document was drafted by: China Quality Certification Center Co., Ltd., China National Resources Recycling Association, and the Ministry of Ecology and Environment's Solid Waste and Chemicals Department. Management Technology Center, Shenzhen Hangjia Chiyuan Electric Co., Ltd., Lingxiong Technology (Shenzhen) Co., Ltd., Langfang Jinye Environmental Protection Technology Co., Ltd. The company, Beijing Lexun Technology Co., Ltd., Shenzhen Branch of China Quality Certification Center Co., Ltd., and China Resources Recycling Group Electronics and Electrical Appliances Limited Liability Company, Shaanxi Jinguo Environmental Protection Technology Co., Ltd., Maoming Tianbao Renewable Resources Development Co., Ltd., Super Fusion Digital Technology Co., Ltd. Henan Kunlun Technology Co., Ltd. The main drafters of this document are: Deng Yi, Luo Mingfei, Yu Keli, Zhao Ru, Yu Kexin, Wang Yihen, Ye Jindi, Shi Ruixue, Zhou Junjun, and Wu Guanting. Huang Wen, Ge Sumei, He Jingwei, Ye Changqing, Sun Linqun, Hu Xiaomei, Liang Lian, Huang Xuan, Xie Xin, Wei Honglian, Hou Guiguang, Zhang Heran, Liu Yunong, Xie Huihui Han Shuaishuai.

With the rapid development of new-generation information technologies such as cloud computing and big data, the replacement cycle of servers as core infrastructure has become increasingly rapid. The shortened lifespan has led to a surge in the number of

abandoned servers. This presents both enormous potential for resource recycling and the looming threat of data breaches and environmental pollution. High risk. Its hardware is rich in recyclable precious metals and rare materials, making it a valuable "urban mine."

However, improper disposal could lead to serious risks, such as the presence of heavy metals. Harmful substances will seriously endanger the environment; at the same time, the massive amount of sensitive data stored on the server will face the threat of leakage if it is not thoroughly deleted. GB/T 38099 "Requirements for the Treatment of Waste Electrical and Electronic Equipment" aims to provide systematic guidance for the treatment of waste electrical and electronic equipment, and is proposed to consist of four parts. constitute.

- 1.Small IT Equipment and Communication Products. The purpose is to guide the disassembly, record keeping, and disposal of these products. Standardize it.
 - 2.Electrical Appliances Containing Refrigerants. The purpose is to guide their dismantling, refrigerant handling, record keeping, and product disposal. The process should be standardized.
 - 3.Server. The purpose is to address its processes in disassembly, data erasure, data destruction, record keeping, and product disposal. The section is standardized.
 - 4.Medical Service Equipment. The purpose is to address the dismantling, recycling, storage, record keeping, and product disposal processes. The section is standardized.
- Requirements for the disposal of waste electrical and electronic products Part

1 Scope

GB/T 38099.3-2026 is the Chinese national standard covering dismantling a decommissioned server - the destruction or verified erasure of the storage before anything else, the recovery of the boards, heatsinks and power supplies, the batteries and the halogenated plastics. The data on a discarded server is worth more than the metal in it, which is why that comes first. Part 3, first edition, in force since 1 May 2026. It was issued on 28 January 2026 and has been in force since 1 May 2026, as a first edition. The document is under the responsibility of the Standardization Administration of China. This page is published from the official record of the 2026 edition; the clause text of a standard this recent is not yet in circulation, and the figures, limits and tables it contains are those of the document itself, delivered in full with the English translation.

This document defines the terminology related to the disposal of servers in waste electrical and electronic equipment (WEEE), and specifies general requirements, documentation, and retention procedures. Requirements for recycling and storage, treatment and disposal, and pollution control. This document applies to the disposal of obsolete servers.

2 Normative references

The contents of the following documents, through normative references within the text,

constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB 12348 Emission Standard for Environmental Noise at the Boundary of Industrial Enterprises

GB 16297 Integrated Emission Standard for Air Pollutants

GB 18597 Standard for Pollution Control of Hazardous Waste Storage

GB/T 29769 Terminology for the Recycling of Waste Electrical and Electronic Equipment

GB/T 44157 Requirements for the treatment and disposal of waste circuit boards

HJ2025 Technical Specifications for the Collection, Storage and Transportation of Hazardous Waste

3 Terms and Definitions

The terms and definitions defined in GB/T 29769 and the following terms and definitions apply to this document.

3.1 server The core components of an information system that provide specific application services to clients include hardware and software systems.

Note. This document mainly refers to the server's hardware system, such as processors, storage devices, network connection devices, etc. [Source: GB/T 9813.3-2017, 3.1, with modifications]

3.2 Processing enterprise recyclers A legal entity that possesses the qualifications for processing waste electrical and electronic products and the supporting facilities and sites. [Source: GB/T 29769-2013, 3.4, with modifications]

3.3 Data cleanup dataerasure User data stored on the server cannot be read, accessed, or recovered after technical processing.

3.4 Data destruction The process of destroying the physical storage medium and its data in an irreversible manner through physical means such as demagnetization and fragmentation.