

ICS 37.100.10

CCS N 47



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

GB/T 45600-2025

**Green product assessment - Copying devices and stencil
duplicator**

绿色产品评价 复印和速印设备

Issued on: April 25, 2025

Implemented on: August 1, 2025

**Issued by: State Administration for Market Regulation;
Standardization Administration of the PRC**

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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.

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

This document was proposed by the China Machinery Industry Federation and the National Green Product Evaluation Standardization General Group.

This document is under the jurisdiction of the National Technical Committee for Standardization of Copying Machinery (SAC/TC147).

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Introduction

As the world pays more and more attention to environmental protection and sustainable development, copying and printing equipment have become indispensable in office and business activities.

As part of the copy and quick printing equipment industry, its environmental impact and resource consumption are also receiving increasing attention.

To reduce the adverse impact on the environment and improve resource utilization efficiency, it is particularly important to formulate a set of scientific, comprehensive and operational green product evaluation standards. is important.

In order to meet market demand, respond to the call of national ecological civilization construction, follow the global green development trend, and promote the green development of the office equipment industry Based on the development of copying and quick printing equipment, this document was developed based on the overall framework of GB/T 33761 and established The green product evaluation system was established.

This document aims to provide a unified framework and method for green product evaluation of copying and quick printing equipment from a technical perspective.

By clarifying the evaluation indicators and evaluation methods of green products, we can promote the design, production, use and recycling of copy and quick printing equipment throughout its life cycle.

In the process, the goals of environmental protection, energy saving and low carbon are achieved.

At the technical level, this document fully considers the technical characteristics and industry status of copying and quick printing equipment, and combines relevant domestic and foreign standards to construct A comprehensive evaluation index system has been established. The system covers five attributes. resource attributes, energy attributes, environmental attributes, quality attributes and low-carbon attributes.

dimensions to ensure the scientificity and comprehensiveness of the evaluation process.

In addition, this document also focuses on the scientificity, operability and practicality of the evaluation method, and adopts a combination of quantitative evaluation and qualitative analysis.

By setting clear evaluation indicators and grading standards, it is convenient for manufacturers and consumers to The implementation of this document will help promote technological innovation in the copying and quick-printing equipment industry and provide Improve the environmental performance and market competitiveness of products and promote the green development of the entire industry.

Green Product Evaluation of Copying and Printing Equipment

1 Scope

This document specifies the green product evaluation requirements for copying and quick printing equipment and describes the evaluation methods.

This document applies to the green product of copiers, engineering drawing copiers, digital integrated quick printers, digital multifunction printers, and multi-function copiers.

Product evaluation. Other types of copying and quick printing equipment products are used for reference.

2 Normative references

GB 4943.1

GB/T 9254.1

GB/T 10992

GB/T 13963

GB 17625.1

GB/T 18455

GB/T 19001

GB 20943

GB/T 21202

GB 21521

GB/T 24001

GB/T 29785

GB/T 29793

GB/T 32355.4

GB/T 32883

GB/T 33761

GB/T 39560

IEC 28360

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