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

GB/T 45947-2025

**Specification for dismantling and recycling of waste lithium
batteries for household electrical appliances**

家用电器用废旧锂电池拆解及回收规范

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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.

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.

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Specifications for the disassembly and recycling of used lithium batteries for household appliances

1 Scope

This document specifies the general requirements, personnel requirements, and requirements, site requirements, storage requirements and process requirements.

This document applies to the entire process of disassembly and recycling of waste lithium batteries used in household appliances.

2 Normative references

GB 2894

GB 5085.7

GB 15630

GB 18597

GB 18599

GB/T 33598.3

GB 39800.1

GB 50016

GB 50140

GB 50395

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 lithium-ion battery

A device that relies on the movement of lithium ions between the positive and negative electrodes to achieve the mutual conversion of chemical energy and electrical energy, and is designed to be rechargeable.

NOTE. This term is referred to as "lithium battery" in this document. [Source. GB 40165-2021, 3.1]

3.2

Lithium batteries and their components, parts and scrap raw materials that have lost their original use value.

3.3 module

A configuration where multiple batteries are connected in series or parallel, with or without protective devices such as fuses or positive temperature coefficient thermistors.