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ICS 29.200
CCS K85

JB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

JB/T 14050-2025

Modularized AC Uninterruptable Power Supply System

模块化交流不间断电源系统

(English Translation)

Issued on: July 2, 2025 **Implemented on: February 1, 2026**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

JB/T 14050-2025 was issued by Ministry of Industry and Information Technology on 2 July 2025 and has been in force since 1 February 2026.

The JB/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 15 pages in English translation.

2 Scope Preview

This standard specifies the normal operating conditions and electrical performance requirements of modular AC uninterruptible power supply systems, describes the corresponding test methods, and specifies inspection rules, marking, packaging, transportation, and storage. This standard applies to the manufacture of modular AC uninterruptible power supply systems that meet all of the following conditions: output single-phase or three-phase fixed-frequency AC voltage; DC link with energy storage device (unless otherwise specified); rated voltage not exceeding AC 1000V; can be a mobile, stationary, and/or fixed installation system; has at least one frame-mounted module;

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possesses the necessary functional units for an AC uninterruptible power supply system, and the functional units are implemented by functional modules; power supply is achieved through the parallel coordinated operation of functional modules.

JB/T 14050-2025 falls under ICS 29.200, in the field of electrical engineering.

This catalogue holds 619 other JB/T standards in that field.

In this catalogue, JB/T standards carry edition years from 1967 to 2026.

3 About this standard

Sector: Mechanical & Machinery Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 15 pages (approximate)

4 Related standards

Standards on related subjects:

JB/T 11140-2011 - General requirements for lithium iron phosphate battery modules

JB/T 11141-2011 - General requirements for lithium-ion battery module cases

GB 7260.1-2008 - [GB/T 7260.1-2008] Uninterruptible power systems (UPS) -- Part 1-1: General and safety requirements for UPS used in operator access areas

JB/T 14936-2025 - Low-voltage static switching device

JB/T 14051-2025 - Modularized DC Uninterruptable Power Supply System

JB/T 14405-2023 - Flywheel energy storage device for green data center

5 Classification and status

International classification (ICS): 29.200

Chinese Standard Classification (CCS): K 85

Prefix JB/T: recommended standard.

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