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ICS 33.040.40
CCS M32

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6232-2024

Data Center Power Utilization Effectiveness (PUE) Evaluation and Acceptance Specifications

数据中心电能利用效率（PUE）评估和验收规范

(English Translation)

Issued on: December 10, 2024 **Implemented on: April 1, 2025**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-6232-2024

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1 Foreword

YD/T 6232-2024 was issued by Ministry of Industry and Information Technology on 10 December 2024 and has been in force since 1 April 2025.

The YD/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 relevant requirements for the evaluation and acceptance of power efficiency in the planning, design, and operation stages of data centers. This standard applies to newly built data centers, as well as the evaluation and acceptance of power utilization efficiency during the design and operation phase of single or modular units of data center buildings that use independent power distribution, air cooling, and electric air conditioning. It is implemented by reference to the renovation and expansion of data centers.

YD/T 6232-2024 falls under ICS 33.040.40, in the field of telecommunications.

This catalogue holds 3,420 other YD/T standards in that field.

In this catalogue, YD/T standards carry edition years from 1982 to 2026.

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3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 15 pages (approximate)

4 Related standards

Standards on related subjects:

YD/T 2375-2019 - Technical requirements for high accuracy time synchronization

JT/T 1076-2016 - GNSS System for Operating Vehicles - Technical Specifications for Vehicle Video Terminal

YD/T 2554.1-2013 - Plastic optical fiber connector - Part 1: Type LC

YD/T 3118-2026 - Parameters and methods of test for website IPv6 support

YD/T 6230-2024 - Public Wireless LAN - Access authentication technical requirements based on third-party application platforms

YD/T 6231-2024 - Technical requirements for integrated management and control of intelligent operation and maintenance of data centers

5 Classification and status

International classification (ICS): 33.040.40

Chinese Standard Classification (CCS): M 32

Prefix YD/T: recommended standard.

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