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ICS 35.020
CCS L04

YD

# INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

# YD/T 6049-2024

## Technical requirements and test methods for cold plate liquid cooling whole cabinet servers

冷板式液冷整机柜服务器技术要求和测试方法

**(English Translation)**

**Issued on: October 24, 2024** **Implemented on: February 1, 2025**

**Issued by: Ministry of Industry and Information Technology**

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## 1 Foreword

YD/T 6049-2024 was issued by Ministry of Industry and Information Technology on 24 October 2024 and has been in force since 1 February 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 technical requirements and test methods for the cabinet, liquid supply components, power supply and distribution components, computing nodes, switching nodes, networking within the whole cabinet, and cabinet management module of the cold plate liquid cooling whole cabinet server. This standard applies to the design, production and testing of cold plate liquid cooling whole cabinet servers in data centers.

YD/T 6049-2024 falls under ICS 35.020, in the field of information technology.

This catalogue holds 725 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:

GB/T 32910.3-2016 - Data centre - Resource utilization - Part 3: Energy usage effectiveness requirements and measuring methods

YD/T 983-2013 - Limits and methods of measurement of electromagnetic compatibility of telecommunicatin power supply equipment

YD/T 6775-2026 - Security technical requirements for white box switch

YD/T 5275-2026 - Green technical requirements of information and communication Engineering

YD/T 6048-2024 - Technical requirements and evaluation methods for data center computing power

## 5 Classification and status

International classification (ICS): 35.020

Chinese Standard Classification (CCS): L 04

Prefix YD/T: recommended standard.



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