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ICS 33.120.01
CCS M30

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4524.5-2024

5G Power Supply and Environmental Infrastructure - Part 5: BBU cabinet

5G供电与环境的基础设施 第5部分：BBU机柜

(English Translation)

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

Issued by: Ministry of Industry and Information Technology

Preview: page 1 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/yd-t-4524-5-2024

Table of Contents

[Preview only]
1 Scope
2 Normative references
3 Abbreviations
3.1 Terms and definitions
4 General
4.1 Test environment
4.2 UE Information
4.3 Test Implementation
5 Technical requirements

1 Foreword

YD/T 4524.5-2024 was issued by Ministry of Industry and Information Technology on 10 December 2024 and has been in force since 1 April 2025.

It is one of 5 parts of the YD/T 4524 series.

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.

2 Scope Preview

This standard specifies the cabinets of 5G base station BBU equipment, including the technical requirements, test methods, inspection rules, marking, packaging, transportation and storage of natural heat dissipation type and auxiliary heat dissipation type. This standard applies to the cabinets of 5G base station BBU equipment.

YD/T 4524.5-2024 falls under ICS 33.120.01, 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.

3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

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English translation: about 15 pages (approximate)

4 Related standards

Other parts of this standard:

YD/T 4524.1-2024 - Part 1: General provisions

YD/T 4524.2-2024 - Part 2: Outdoor small integrated power supply system

YD/T 4524.3-2025 - Infrastructure of power supply and environment for 5G - Part 3: Multi-input multi-output integrated energy cabinet

YD/T 4524.4-2023 - 5G power supply and environmental infrastructure - Part 4: Rack temperature control system

Standards on related subjects:

YD/T 3710-2020 - Test methods of message layer of LTE-based vehicular communication

5 Classification and status

International classification (ICS): 33.120.01

Chinese Standard Classification (CCS): M 30

Prefix YD/T: recommended standard.

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