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ICS 33.060.01
CCS M30

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6287-2024

Guidelines for safe design of internal power supply for mobile communication terminals

移动通信终端内部供电安全设计导则

(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-6287-2024

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1 Foreword

YD/T 6287-2024 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 general principles, design points and design guidelines for the internal power supply safety design of mobile communication terminals. This standard applies to mobile communication terminal products with charging functions.

YD/T 6287-2024 falls under ICS 33.060.01, 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

Standards on related subjects:

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

YD/T 5120-2026 - Technical Specifications for Indoor Coverage Systems of Wireless Communication

YD/T 3937-2026 - User-plane-based A-BDS positioning technology requirements and testing methods for the Internet of Things (IoT)

YD/T 2879-2026 - Synchronization OAM technical requirements based on packet network

5 Classification and status

International classification (ICS): 33.060.01

Chinese Standard Classification (CCS): M 30

Prefix YD/T: recommended standard.

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