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ICS 27.070
CCS M41

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6200-2024

Hydrogen fuel cell power supply system for communications

通信用氢燃料电池供电系统

(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-6200-2024

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1 Foreword

YD/T 6200-2024 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 terminology, system composition, technical requirements, test methods, inspection rules, marking, packaging, transportation, storage and operation and maintenance requirements of hydrogen fuel cell power supply systems for communications. This standard applies to hydrogen fuel cell power supply systems with a nominal output voltage of DC-48V, using hydrogen and air as reaction gases. The source of hydrogen can be hydrogen cylinders, solid hydrogen, water electrolysis, methanol reforming, and natural gas.

YD/T 6200-2024 falls under ICS 27.070, in the field of energy and heat transfer engineering.

This catalogue holds 5 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 1092-2023 - Telecommunication cables - Foamed polyolefin dielectric, corrugated copper-tube outer conductor, 50 Ohm radio-frequency coaxial cable for wireless communications

YD/T 2165-2010 - Technical specification of modular uninterruptible power systems for telecommunications

YD/T 777-2006 - Inversion equipment for telecommunications

YD/T 1537-2026 - Outdoor cabinets for information and telecommunications system

YD/T 1363.5-2026 - Specification of supervision system for power, air conditioner and environment - Part 5: Access control and control supervision system

YD/T 6198-2024 - Aluminum-air battery system for communications

5 Classification and status

International classification (ICS): 27.070

Chinese Standard Classification (CCS): M 41

Prefix YD/T: recommended standard.

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