

ICS 33.060
CCS M35



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 48210-2026

**Basic requirements for data encoding of BDS short message
service in power system**

电力系统北斗短报文业务数据编码基本要求
(English Translation)

Issued on: September 28, 2026

Implemented on: April 1, 2027

**Issued by: State Administration for Market Regulation;
Standardization Administration of China**

Table of Contents

Foreword

1 Scope

2 Normative references

3 Terms and definitions

Foreword

GB/T 48210-2026 is a recommended national standard (GB/T) of the People's Republic of China, issued on 28 September 2026 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 April 2027.

It is under the responsibility of the China Electricity Council.

Classification: ICS 33.060; CCS M35.

1 Scope

Basic requirements for the data encoding of BeiDou Navigation Satellite System (BDS) short message service in power systems are set out in this standard. The BDS short message function allows brief messages to be sent over the satellite system, which can be useful for communication in remote locations or where ordinary networks are unavailable, such as at unmanned substations or along transmission lines.

Power utilities, grid operators, equipment manufacturers, communications system integrators, and software developers who build monitoring and messaging systems are the intended users. A common encoding approach helps devices and platforms from different suppliers exchange information consistently. It was prepared under the China Electricity Council.

It is a recommended national standard (GB/T), so it is voluntary unless adopted by a contract or utility specification. Foreign suppliers of grid monitoring equipment who wish to use BeiDou messaging in China can use it to align message formats. It takes effect on 1 April 2027.