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ICS 17.220

DL

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

DL/T 698.42-2013

Data acquisition and management system for electrical energy. Part 4-2: communication protocol. Concentrator downward communication

电能信息采集与管理系统 第4-2部分：通信协议－集中器下行通信

(English Translation)

Issued by: National Energy Administration

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1 Foreword

DL/T 698.42-2013 is issued by National Energy Administration.

It is one of 21 parts of the DL/T 698 series.

The DL/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

DL/T 698.42-2013 falls under ICS 17.220, in the field of metrology and measurement.

This catalogue holds 51 other DL/T standards in that field.

In this catalogue, DL/T standards carry edition years from 1991 to 2026.

3 About this standard

Issued by: National Energy Administration

English translation: about 15 pages (approximate)

4 Related standards

Other parts of this standard:

DL/T 698-1999 - Automatic meter reading for LV customers

DL/T 698.1-2009 - Part 1: General consideration

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DL/T 698.1-2021 - Data acquisition and management system for electrical energy - Part 1: General consideration

DL/T 698.1-2025 - Energy Measurement and Monitoring System - Part 1: General Provisions

DL/T 698.2-2010 - Part 2: Technical specification of master station

DL/T 698.2-2021 - Data acquisition and management system for electrical energy - Part 2: Technical specification of master station

DL/T 698.31-2010 - Part 3-1: Technical specification of electrical energy data acquisition terminal. General requirement

DL/T 698.32-2010 - Part 3-2: Technical specification of electrical energy data acquisition terminal-special requirement for data acquisition terminal of power station and substation

DL/T 698.33-2010 - Part 3-3: Technical specification of electrical energy data acquisition terminal. Special requirement for data acquisition terminal of special transformer

DL/T 698.34-2010 - Part 3-4: Technical specification of electrical energy data acquisition terminal. Special rquirement for data acquisition terminal of common transformer

DL/T 698.35-2010 - Part 3-5: Technical specification of electrical energy data acquisition terminal. Special requirement for meter rending terminal of LV customers

DL/T 698.36-2013 - Part 3-6: Technical specification of electrical energy data acquisition terminal-communication unit requirement

DL/T 698.41-2010 - Part 4-1: communication protocol. Master station communication with data acquisition terminal

DL/T 698.44-2016 - Data acquisition and management system for electrical energy??Part 4-4: Communication protocol-Micro-power wireless communication protocols

DL/T 698.45-2017 - Data acquisition and management system for electrical energy Part 4-5: Communication protocol-object oriented data exchange protocol

DL/T 698.45-2026 - Energy metering and monitoring system - Part 4-5: Communication protocol - Data exchange protocol

DL/T 698.46-2016 - Electricity Information Acquisition and Management System - Part 4-6: Communication Protocol - Acquisition Terminal Remote Communication Module Interface Protocol

DL/T 698.51-2016 - Electricity Information Acquisition and Management System - Part 5-1: Test Specification - Functional Test

DL/T 698.52-2016 - Part 5-2: Testing technical specification. Remote communication protocol conformance test

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DL/T 698.61-2021 - Data acquisition and management system for electrical energy - Part 6-1: Software requirement. Technical requirements for terminal software upgrade

5 Classification and status

International classification (ICS): 17.220

Prefix DL/T: recommended standard.

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