

Smart Metering Data Concentrator

This data concentrator is designed for collecting and transmitting data from multiple smart meters. It supports PLC, LAN, and GPRS communication interfaces for advanced metering infrastructure deployments, enabling remote monitoring and control of energy consumption.



Overview

Smart Metering Data Concentrator

The CGZ040-1j data concentrator acts as a vital communication node for advanced metering management systems. Designed to facilitate seamless data transfer between smart meters and utility management software, it supports both uplink and downlink network connectivity. This component is essential for building efficient infrastructure for remote monitoring and energy consumption management.

Technical Specifications

Rated Voltage	3x230/400V
Operating Frequency	50 Hz

Connectivity

Network Role

- Downlink communication node for meter management
- Uplink channel for utility system software connectivity

Communication Interfaces	PLC, LAN, GPRS, RS485
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Application

Deployment Scope

AMI • AMM • AMR