

AC Drive Electric Locomotive for High-Speed Rail

This AC drive electric locomotive is designed for high-speed rail transport. It features advanced traction control, regenerative braking, and a sophisticated control system.



Overview

SSJ3 Electric Locomotive Overview

The SSJ3 is a high-power electric locomotive engineered specifically for heavy-haul freight transportation and high-speed rail requirements. As the largest electric locomotive currently operational in China, it features advanced three-phase propulsion and independent ventilation systems. Its robust design is optimized for speed raising and heavy-duty logistics performance.

Performance Metrics

Key Performance Specifications

23 t

Axle Load

Technical Specifications

Propulsion System	Three-phase AC drive
Core Features	Heavy Haul, High-Speed Rail, Auxiliary Converter, Independent Ventilation
Model Identifier	DJS0001