

# Shanghai Rail Transit Pearl Line Metro Vehicle

Metro vehicles designed for the Shanghai Rail Transit Pearl Line Phase II. These vehicles are engineered for optimal energy efficiency, reliability, and passenger comfort, ensuring seamless operation and enhanced urban mobility.



## Overview

### High-Performance Urban Transit Solution

Designed for demanding urban rail environments, these A-type metro vehicles offer a blend of high-speed performance and passenger comfort. Engineered with advanced aluminum alloy construction, the vehicles are built for reliability and energy efficiency in high-density transit networks. The design incorporates robust system integration to ensure seamless operation and compliance with stringent safety standards.

## Technical Specifications

Maximum Operating Speed	80 km/h
Vehicle Class	A-type
Body Material	Aluminum alloy

## Operational Capabilities

### Manufacturing Capabilities

- Profile processing
- Underframe welding
- Carbody assembly welding
- Painting
- Assembly
- Rain testing
- Static commissioning
- Dynamic commissioning

### Key Performance Indicators

**80 km/h**  
Max Speed