

Urban Light Rail Vehicle

This light rail vehicle is designed for modern urban transportation needs. It features a lightweight construction, large windows, and accessibility features for passengers with disabilities.



Overview

Urban Light Rail Vehicle Overview

This modern light rail vehicle is a specialized transportation solution designed for high-density urban transit environments. The vehicle features a sleek aerodynamic profile with large panoramic windows and an interior layout optimized for passenger comfort. Engineered for efficiency and reliability, it incorporates advanced braking systems and lightweight construction to ensure safe performance across varying urban track conditions.

Technical Specifications

Dimensions

Parameter	Value	Unit
Width	2650	mm
Height	3415	mm
Wheelbase	1900	mm

Track Gauge 1435 mm

Wheel Diameter (New/Worn) 720/660 mm

Performance

Key Operational Metrics

1 m/s²

Initial Acceleration

1 m/s²

Service Brake Deceleration

1.3 m/s²

Emergency Brake Deceleration

Passenger Capacity

Total Standing Capacity Density

- AW2 (6P/m²): 6P/m²
- AW3 (9P/m²): 8P/m²

Seating Capacity 36 Passengers

Power Systems

Power Supply Voltage 75 VDC