

# High-Speed Electric Multiple Unit (EMU) Trainset

The electric multiple unit (EMU) is designed in an 8-car formation, with each traction unit consisting of motor and trailer cars. It includes first-class and second-class seating, with a total capacity of 557 passengers.



## Overview

### High-Speed Passenger Transport Solution

This high-speed electric multiple unit (EMU) is engineered for efficient, long-distance passenger transport with a focus on aerodynamic performance and operational flexibility. The trainset features a streamlined profile designed to minimize noise and drag while maximizing energy efficiency. With a modular car configuration, it offers versatile passenger amenities, including first-class sightseeing areas, dining facilities, and dedicated accessibility features.

## Performance

### Maximum Operating Speed

**350 km/h**

Max Speed

### Key Operational Technologies

Regenerative Braking, Streamlined Aerodynamics, Roof Air Conditioning, Advanced Safety Systems

## Car Configurations

### Car Type Specifications

Car Type	Key Amenities
End Car	Driver's cab, sightseeing area, 2nd-class saloon, water dispenser
Transformer Car	2 standard toilets, water dispenser, 2nd-class saloon
Converter Car	2 standard toilets, water dispenser, 2nd-class saloon
First-Class Car	Standard toilet, disabled toilet, water dispenser, wheelchair storage
Combination Car	Kitchen, bar, dining area, crew cabin, 2nd-class saloon

## Design & Accessibility

### Accessibility Features

- Accessible toilets for disabled persons
- Wheelchair storage areas
- Easy access door proximity