

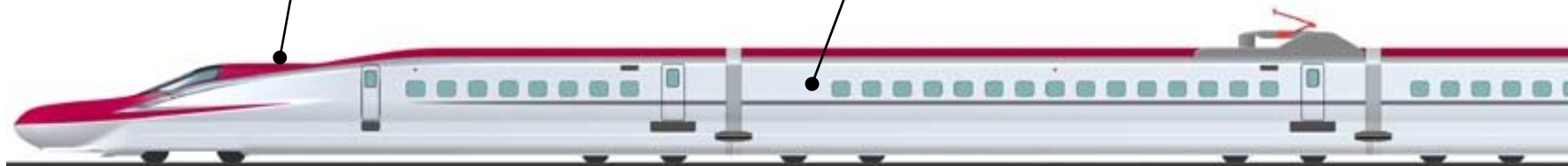
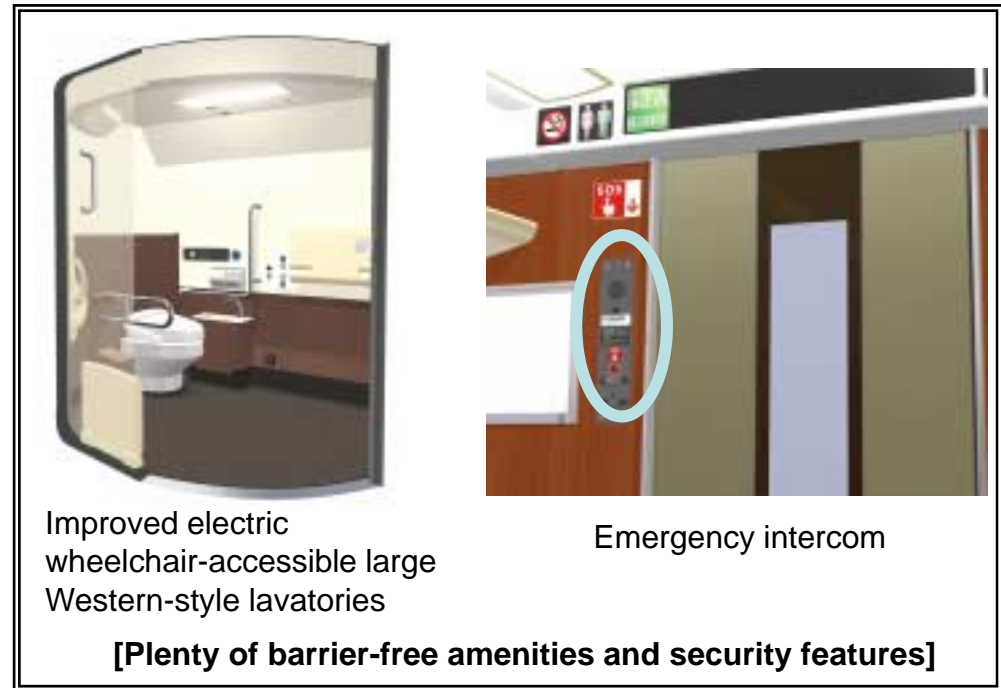
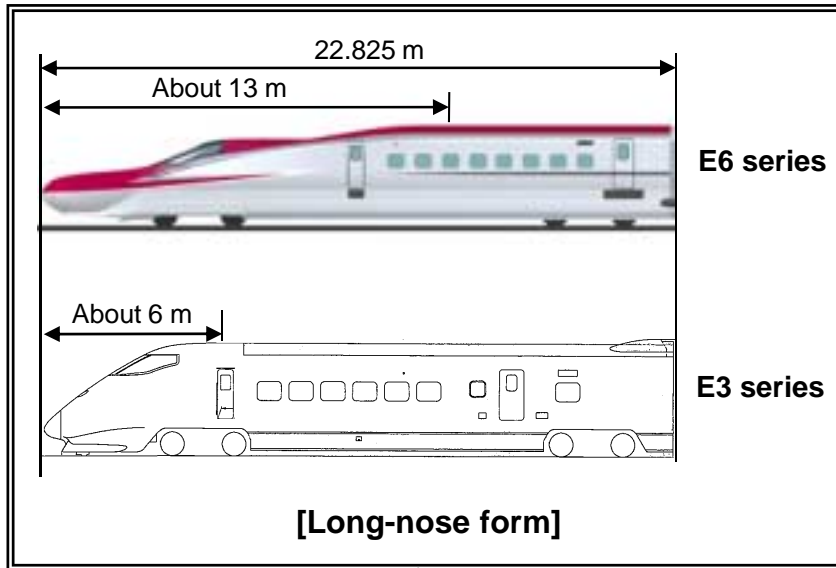


# Overview of New Shinkansen (E6 Series) Mass-Production Prototype

[Attachment 1]

	E6 series mass-production Prototype 	E3 series (Komachi) 
Train configuration	7 cars (5M2T) Train length 148.65 m	6 cars (4M2T) Train length 128.15 m
Passenger capacity	Green cars: 23    Ordinary cars: 315	Green cars: 23    Ordinary cars: 315
Services	Power outlets provided Green cars: all seats Ordinary cars: window seats and at car ends	—
	Full active suspension on all cars	Full active suspension on lead cars (No. 11 and 16) Semi-active suspension on intermediate cars (No. 12 – 15)
	Train tilting system (up to 1.5° tilt on Shinkansen track segment)	—
Top commercial speed	Shinkansen segment (Tokyo – Morioka) 320 km/h Conventional track segment (Morioka – Akita) 130 km/h	Shinkansen segment (Tokyo – Morioka) 275 km/h Conventional track segment (Morioka – Akita) 130 km/h
Barrier-free amenities	Improved electric wheelchair-accessible multi-purpose room	Wheelchair-accessible multi-purpose room
	Improved electric wheelchair-accessible large Western-style lavatories	Wheelchair accessible Western-style lavatories
Security	Emergency intercom (passenger cabins and lavatories)	Emergency buzzer (passenger cabins and lavatories)
	Deck security cameras	—
Seat pitch	Green cars: 1160 mm    Ordinary cars: 980 mm	Green cars: 1160 mm    Ordinary cars: 980 mm (some 910 mm)

# Features of New Shinkansen (E6 Series) Mass-Production Prototype



- Environmental performance**
- Long-nose-shaped end cars
  - Bogie covers, smooth covers between cars

- Enhanced riding comfort**
- Full active suspension on all cars
  - Car body tilting system on Shinkansen segment

- Improved running performance and reliability assurance**
- Main circuit system, brake system