

Battery Electric Multiple Unit (BEMU)

manufactured for



Battery Electric Multiple Units (BEMUs) leverage a 25 kV, 50 Hz AC traction system for propulsion and battery charging, reaching speeds of 120 km/h in battery mode and 160 km/h when connected to the overhead line. They accommodate up to 300 passengers.

KONČAR
ELECTRIC VEHICLES

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Alongside their environmental benefits, our battery trains can lower maintenance and operational costs. With cutting-edge technology and efficiency, these trains embody the future of sustainable rail transport.

TECHNICAL SPECIFICATION	
Track gauge	1435 mm
Axle arrangement	Bo'2'2'Bo
Axle load	18 t
Carbody width	2885 mm
Maximum speed	160 km/h 120 km/h
Overall length	56190 mm
Number of entrance doors (each side)	3 (6 total)
Number of seats	157
Total passengers (4 passengers/m ²)	304
Spaces for bicycles and wheelchairs	2+2
Floor height	600 mm
Maximum acceleration (at full load)	>1,0 m/s ²
Mains voltage and frequency	25kV/50 Hz
Nominal battery energy	631 kWh

