



AC EMU

General Specifications

Max. Speed	105 kmph
Axle Load (max.)	20 Tonnes (Motor Coach) 20 Tonnes (Trailer Coach)
Tare Weight (max.)	59.3 Tonnes (Motor Coach) 34 Tonnes (Trailer Coach)
Braking System	Electro Pneumatic Compressed Air Brake with Bogie Mounted Brake Cylinder & graduated application & release system
Bogie	Wheel Arrangement – Bo-Bo Two Stage Suspension Primary Helical & Secondary Air Spring
Electrical System	<ul style="list-style-type: none"> ◇ Line Voltage – 25 kV Single Phase ◇ Control Equipment Permits Multiple Operation of Units ◇ 4 Traction Motors of 167 kW each per motor coach ◇ System Voltage <ul style="list-style-type: none"> 535 V DC for Traction Motors 260 V AC for Auxiliary Circuits 110 V AC for Lights & Fans 110 V, 90 Ah, 5 hrs rated battery for Emergency Lighting
Unit Formation	Driving Trailer Coach + 2 or 3 Trailer Coaches
Seating Capacity (In Nos.)	
Motor Coach	100
Trailer	112
Driving Trailer Coach	88
Rake Formation	Multiples of 3 Coaches
Dimensions (in mm)	
Track Gauge	1,676
Wheel dia	952
Length over body	20,726
Width over body	3,658
Height from rail to top of roof	3,810
Wheel base	2,896
Distance between bogie centers	14,630