



Urban  
Transport

ATO/ATP

**1676mm**

Rail Gauge (BG)

**2290**

Passengers  
for 6 car trainset

**25kV AC**

Overhead Collection system  
through pantograph

- ATO/ATP train operation
- 4 cars basic configuration upgradable to 6 cars and 8 cars configuration

	BROAD GAUGE	STANDARD GAUGE
Train Formation	DT-M-M-DT - 4 Car train set   DT-M-T-M-M-DT - 6 Car train set	DT-M-T-M-T-M-M-DT - 8 Car train set
Rail Gauge	1676 mm	1435 mm
Operating Speed	80 kmph, Design Speed – 90 kmph	85 kmph, Design Speed – 95 kmph
Passenger capacity	1,506 Passengers – 4 Car 2,290 Passengers – 6 car 3,074 Passengers – 8 Car	1,310 Passengers – 4 Car 1,990 Passengers – 6 Car 2,670 Passengers – 8 Car
Current Collection	25kV AC Single Phase 50 Hz through Overhead Pantograph	
Carbody	Stainless Steel	
Bogies	Bolsterless type bogie with conical bonded rubber spring and Air spring, Thread brake unit with double shoe.	Bolsterless type bogie with conical rubber Air spring and wheel mounted disk brakes
Propulsion System	3 phase propulsion system with Squirrel Cage type Induction motor Variable Voltage and Variable frequency(VVVF) control with regenerative braking.	
Brake System	Regenerative Braking blended with pneumatic braking	
Air-conditioning	Roof mounted Heating Ventilation and Air-conditioning system (HVAC)	
Door System	Electrically Driven Externally Sliding Type	
PA/PIS & CCTV System	Automatic Passenger announcement system , Digital Route map on each door, Passenger saloon surveillance system	
Saloon Lighting	LED based lighting system with Intelligent Light Control (ILC) resulting in energy saving.	
Interiors	Interiors with FRP panels, SS seats, floating floor with Rubber floor covering	

Customer  
• DELHI METRO RAIL CORPORATION

Basic Dimensions (in mm)

Car type	Overall length	Width		Height	
		SG	BG	SG	BG
DMC	21640	2900	3200	4048	4048
TC	21340	2900	3200	4048	4048
MC	21340	2900	3200	4023	4008