



World class fully-automated metro rivaling the luxury and comfort of a fine automobile. A five-car electric multiple unit that operates at speeds up to 100 kph. The interior design is based on the themes of water and wind. The exterior paint scheme features a unique pixelated pattern that is even applied to the roof.

Formation:
DM1-TW-M-T-DM2

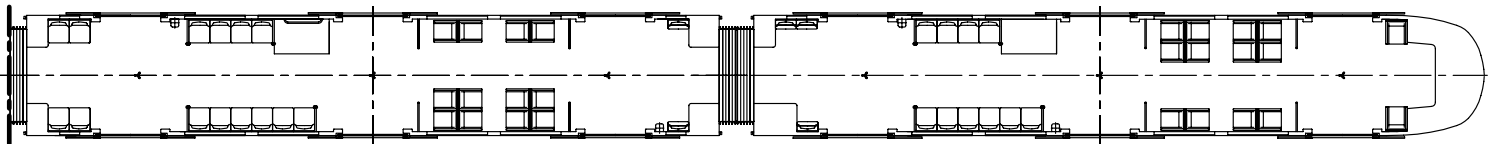
Track Gauge:
4ft – 8.5in / 1435mm

Electric System:
750 Vdc
Third Rail System



Dubai - United Arab Emirates					
Formation	DM1	TW	M	T	DM2
Body Length	58.12 ft (17715 mm)		55.11 ft (16800 mm)		57 ft (17385 mm)
Body Width	113.38 in (2880 mm)				
Body Height	133.27 in (3385 mm)				
Carbody Material	LAHT Steel				
Weight	84.66 kips (38.4 mt)	67.90 kips (30.8 mt)	78.04 kips (35.4 mt)	61.51 kips (27.9 mt)	83.78 kips (38.0 mt)
Capacity (Seating)	78(32)	142(25)	143(27)	143(27)	137(25)
Max Service Speed	55 mph (90 kph)				
Acceleration	2.23 mphps (3.6 kphps)				
Deceleration	2.23 mphps (3.6 kphps)				
Rated Output	147 hp (110 kW/unit)				
Control System	VVVF Inverter		VVVF Inverter		VVVF Inverter
Brake System	Electronic Control Air Brake				
Aux Power		SIV 380 Vac 180 kVA x 2			
Air Conditioning	Scroll Compressor, 2 units per car, 9 tons (31.5 kW)				
Bogie	Bolsterless Bogie				
Wheel Base	82.68 in (2100 mm)				
Wheel Diameter	33.85 in (860 mm)				

A SIDE



B SIDE

