

VIYANA

LOW FLOOR ELECTRIC BUSES



Urban Sphere™



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VIYANA - LOW FLOOR ELECTRIC BUSES			
SPECIFICATIONS	9M LOW FLOOR	12M LOW FLOOR	14M AIRPORT TARMAC (LTO)
Model	US913VBEV	US1213VBEV	US1413VBEV
Length X Width X Height (mm)	8995 X 2600 X 3100	12000 X 2600 X 3600	14100 X 3000 X 3100
Wheelbase	4500	6000	8210
Maximum Passengers	28 Seating + 2 Wheel Chair + 1 Driver	37 Seating + 2 Wheel Chair + 1 Driver	13 Seating + 110 Standings + 1 Driver
Maximum Speed	Upto 60	Upto 75	Upto 40
Maximum Gradability	Upto 15%	Upto 17%	Upto 15%
Cruise mileage(km)(fully loaded)	~100 Km	~200 Km	~100 Km
Engine/Motor	PMSM 85 KW /160 KW	PMSM 190 KW / 300 KW	80 KW x 2 / 150 KW X 2
Front Axle / Rear Axle	5.5 T, Disc Brake / 9.5 T, Drum Brake	5.5 T, Disc Brake / 13 T, Drum Brake	7.5 T, Disc Brake / 13 T, Drum Brake
Suspension	Air Suspension	Air Suspension	Air Suspension
Tyre	255/70 R22.5	295/80 R22.5	295/80 R22.5
Steering System	Electric Hydraulic Power Steering	Electric Hydraulic Power Steering	Electric Hydraulic Power Steering
Braking System	Air Brake, Dual Air Circuit	Air Brake, Dual Air Circuit	Air Brake, Dual Air Circuit
ABS	Yes	Yes	Yes
Power Battery Pack	143 KWh	300 KWh	100 KWh, LTO
Electrical Battery (24V)	100 Ah	100 Ah	100 Ah
Regenerative Braking	Yes	Yes	Yes
Seating Layouts*			
Interior Images*			

*Seating Layout & Interior Images used for reference only, actual product may differ based on customer demand