

	Description	ZX5+
Total Energy	kWh	492
Operating Efficiency*	kWh/km	1.1-1.6
	Litres/100km equivalent	10.7-15.7
Operating Range*	Kilometers	265-385
Top Speed (Proterra-governed)	km/hr (per tire rating)	105
Acceleration (at SLW, seconds)	0-32 km/hr	6.2
	32-80 km/hr	21.6
Gradability (top speed at % grade, at SLW, km/hr)	5%	77
	10%	47
	15%	31
Max Grade (at SLW)		29.5%
Power (kW)	Peak	240
	Continuous	205
Motor	Single 240kW permanent magnet drive motor	•
Gearbox	4-speed EV transmission	•
Curb Weight	kg	13,630
Max Gross Vehicle Weight Rating	kg	19,799

CHARGING

Max Plug-in Charge Rate at 200A	kW	147
Max Plug-in Charge Rate at 300A	kW	221
Max Overhead Charge Rate at 500A	kW	370
Overhead Charging***	Kilometers replenished per 10 minutes **	39
	Est. time 0-80% at 450 kW	1.3 hrs
Plug-in Charging***	Est. time 0-80% at 150 kW	2.6 hrs
	Est. time 0-80% at 180 kW	1.9 hrs

VEHICLE DIMENSIONS

Length (over bumpers)	11.25 m
Roof Height	3.29 m
Width (without mirrors)	2.59 m
Width (with mirrors)	2.95 m
Wheelbase	6.17 m
Approach Angle	9.3°
Breakover Angle	9.4°
Departure Angle	9.3°
Turning Radius	10.67 m

*Operating range and efficiencies approximated from simulations based on Altoona testing results at SLW, and will vary with route conditions, weather, vehicle configuration and driver behavior.
** ProDrive powertrain efficiencies | *** Charge time will vary depending on charger type. Estimated charge time 0-80% as displayed on driver dashboard.

INTERIOR

Seating Capacity	29
Clear Door Width	Front 86 cm, Rear 110 cm
Lighting	LED interior lighting system
Handles	Stainless-steel stanchion system
Stop Request	ADA pull cord or touch tape stop request
Doors	Sensitive edges on both front and rear door
Wipers	Electric wipers and washers
HVAC	Overhead integrated system

EXTERIOR

Bus Body	Carbon-fiber-reinforced composite material
Tire Size	315/80R22.5
Exterior Lights	LED

BRAKES & SUSPENSION

Braking System	Front & rear air disk brakes
Regenerative Braking	Standard
Traction	4-wheel ABS with traction control
Suspension	Multi-Link Air Ride rear suspension

ELECTRICAL SYSTEM

Battery System	Integrated battery management system
Low Voltage	Two, Group 31 700 CCA 12v batteries
Charge Ports	J1772 CCS: One port standard at curb-side rear, 2nd port optional at street-side rear or curb-side front
Plug-in Charging	Universal standard J1772-CCS
Overhead Charging	Optional; Universal standard J3105

ADA

	Two ADA locations, one on each side of the aisle directly behind the front wheels
	ADA securement system
	Front electrically operated wheelchair ramp (4:1, 6:1 slope)
	Rear door modesty panels
	Aisle width between front wheel wells: 91 cm

WARRANTY

Vehicle	Complete Bus - 1 year or 80,000 km Extended warranties and service contracts available upon request
Batteries	Standard: 6 years Extended: 12 years