Elevi

16-passenger electric school vehicle

POWERED BY

ZEROID

ZEROID

Elevi

Chassis: EC3 // Base vehicle: FORCE - Paneled Van

DRIVING THE NEXT GENERATIONS

Discover the new ZEROID Elevi, a 16-passenger electric school vehicle: 7.5 meters of pure innovation, designed for efficiency, comfort, and full accessibility - including wheelchair accessibility to ensure no one is left behind.

Zero emissions, lower costs, and total flexibility for the smart solution for tomorrow's school transport. This vehicle is simple by design, yet equipped with everything essential for modern mobility, particularly for school transportation.

ALL YOU NEED

Independence on every journey

Equipped with a dedicated wheelchair space and an electric platform, ensuring comfort and accessibility for every passenger.

No barriers, just seamless mobility

Designed for effortless access, everyone boards easily and comfortably thanks to the electric door and its low steps.

Driver's place, perfectly optimized

All controls within easy reach, intuitive screens for vehicle and climate, and pneumatic seat. Total command without distraction.

Spacious comfort for every passenger

Generous interior design ensures everyone enjoys a relaxing ride, making every journey smooth and enjoyable.

100% Electric

UNECE M3 Class B

Accessible and functional

Space for 16 passengers

Up to 325 km

Elevi

INTERIORS

Space for everyone. The bus has 16 comfortable passenger seats distributed in 6 rows to ensure a comfortable and enjoyable journey.

Flexible for Every Need. Its smart configuration allows easy wheelchair integration via the electric lift, without compromising passenger comfort.

Ergonomics Redefined. Spacious and accessible, designed not only for passenger comfort, but also to ensure fast and efficient operation.

Silent Serenity. Electric power removes vibrations and noise, turning every ride into a smooth, quiet experience.

A OPTION	16	seats
	0	standing
	0	wheelchair
	1	driver

B OPTION	15	seats
	0	standing
	1	wheelchair
	1	driver

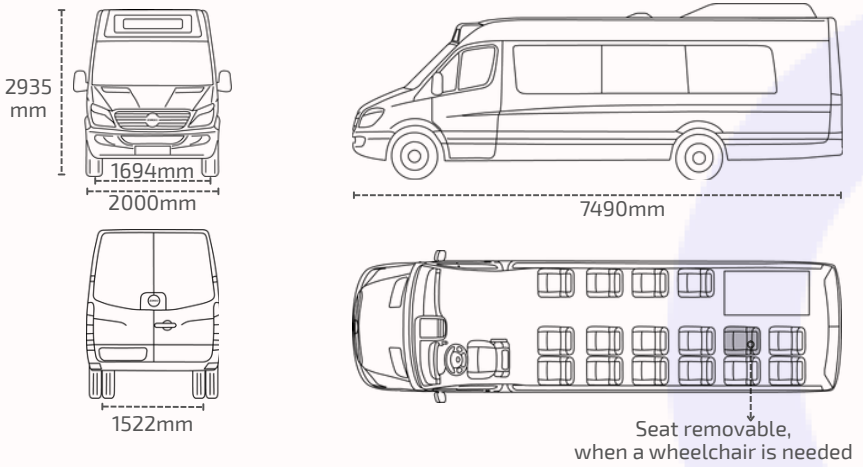
Dimensions			
Total Length	7,490 mm	**Wheelbase**	4,325 mm
Total Width	2,000 mm	**Front Overhang**	1,014 mm
Total Height	2,935 mm	**Rear Overhang**	2,151 mm

Weights		
	Static	**Admissible**
Front Axle	2,330 Kg	2,500 Kg
Rear Axle	2,430 Kg	4,600 Kg
Total	4,760 Kg	6,400 Kg

Performance	
Battery Capacity	120 / 140 / 170 kWh
Range (SORT)	325 km (140 kWh)
Maximum Speed	100 km/h
Maximum Slope	18%
Turning Diameter	< 17.8m

Charger Specifications Requirements			
DC Charging		**AC Charging**	
Connectors	CCS2	**Connectors**	AC type 2
Power Input	80 kW	**Power input***	min. 6.6kW @ one phase. min. 22 kW @ three phases.
Output Voltage*	min. 750 Vdc		

* When charging the vehicle, the charger must meet these specifications.



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PERFORMANCE

Motor	
Engine type	PMSM
Nominal power	100 kW
Peak power	150 kW
Nominal torque	340 Nm
Peak torque	1000 Nm

Brakes & Suspension		
Braking system		Hydraulic
Front	**Brakes**	Disc
	Suspension	Transversal Leaf Spring
Rear	**Brakes**	Drum
	Suspension	Leaf Spring

ADAS & Active safety			
ABS - Anti-lock braking system	Yes	**AEBS - Advanced emergency braking system**	Yes
ESC - Electronic stability control	Yes	**LDWS - Lane departure warning system**	Yes
TCR - Traction control	Yes	**Cybersecurity**	Yes
MOIS - Cyclist collision alert	Yes	**ISA - Intelligent speed assistance**	Yes
BSIS - Blind spot information system	Yes	**AIS - Alcohol interlock facilitation**	Yes
RCDS - Reversing detection	Yes	**DDAW - Driver drowsiness and attention warning**	Yes
TPMS - Tyre pressure monitoring system	Yes	**ADDW - Advanced driver distraction warning**	Yes

Equipment			
Driver		**Exterior**	
Leather seat	Yes	Panoramic windows	Yes
Pneumatic seat	Yes	Electric passenger's door	Yes
Independent door	Yes	Double rear door	Yes
Driver airbag	Yes	Steel rims	Yes
Multifunction steering wheel	Yes	**Interior**	
Passengers		Ergonomic handrails	Yes
Ergonomic seats	Yes	Interior LED lighting	Yes
3-point seatbelts	Yes	Acoustic insulation	Yes
High-resistant floor	Yes	Ergonomic design	Yes
Accessibility		Safety screens	Yes
Wheelchair space with fasteners	Yes	Ventilation skylight	Yes
Wheelchair lift at the rear	Yes	Emergency exits in ceiling and sides	5
PMR seat	Yes	**Multimedia**	
Quick-release seats	Yes	Surround speakers	Yes
Climate control		Radio + Bluetooth	Yes
Independent driver climate control	Yes	Apple CarPlay & Android Auto	Yes
Independent passenger climate control	Yes	**Other elements**	
Side air ducts	Yes	Rear-view camera	Yes
Convection heating	Yes	Parking assist	Yes
Forced and natural ventilation	Yes	Front & rear exterior LED screen	Yes
Protection		Rear buzzer	Yes
Chassis with KTL treatment	Yes	First aid kit	Yes
Chassis with anti-gravel paint	Yes	Fire extinguisher	Yes
Bodywork all painted	Yes		

All the equipment mentioned is optional and customizable. The ELEVI bus is designed to allow interiors to be customized. Clients can choose different door systems, opt for various ramp types, or select distinct interior styles, ensuring that the vehicle matches both functional requirements and personal preferences.

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THE NEXT
GENERATIONS

ZEROID

FROM RACE TO ROAD

ENGINEERED FOR CHALLENGES,OPTIMIZED FOR OPERATIONS.

QEV TECHNOLOGIES, S.L.

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