ZEROID

FORCE - Paneled Van

A paneled van with endless possibilities

Chasis
EC3

Homologation
N2 & M3

FROM RACE TO ROAD

ENGINEERED FOR CHALLENGES,
OPTIMIZED FOR OPERATIONS.

FORCE - Paneled Van

Chassis: EC3 // Incomplete version

A PANELED VAN WITH ENDLESS POSSIBILITIES

The FORCE Incomplete Van is delivered as an incomplete vehicle, designed to be finished in any way the Stage 2 bodybuilder requires. Its open configuration allows full customization, making it the perfect starting point for endless applications.

We adapt both the vehicle and its Stage 1 homologation to meet the exact needs of the client or bodybuilder, ensuring a seamless process and total flexibility.

With a length of 7.5 meters, a 120/140/170 kWh battery, and a powerful 150 kW electric motor, the FORCE model offers an excellent range, making it a versatile choice for a variety of commercial transport applications.

YOUR SPACE FOR YOUR SOLUTIONS

Windows or no windows.

The vehicle comes with numerous optional features that can be added or removed depending on your needs.

Whether you want windows, front seats, or varying battery capacities, these options allow you to customize the vehicle to perfectly match your operational requirements.

15 m^3 for your solutions

Inside the paneled walls lies a world of possibilities. The structure is designed to accommodate almost anything - seats, transport shells, components, or additional electronic systems - offering complete freedom to integrate any feature or customization needed for each project.

Customization without limits

Apart from the optional extras, if necessary we can adapt the chassis directly at the factory, making any necessary modifications, such as reducing wheel arch dimensions, preparing the frame for stairs or passenger doors, or removing elements such as doors or windows when required.

100% Electric

UNECE - N2
M3 Class A
M3 Class B

1 or 2
cabin seats

Payload capacity
up to 2,500 kg

Up to
325 km

FORCE - Paneled Van

L4H3

Dimensions			
Total Length	7,490 mm	**Wheelbase**	4,325 mm
Total Width	2,000 mm	**Front Overhang**	1,014 mm
Total Height	2,635 mm	**Rear Overhang**	2,151 mm

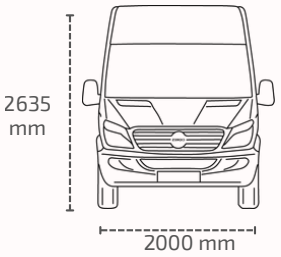
Weights	Static		Admissible
	120 kWh	140 kWh	
Front Axle	1,765 Kg	1,870 Kg	2,500 Kg
Rear Axle	2,125 Kg	2,160 Kg	4,600 Kg
Total	3,890 Kg	4,030 Kg	6,400 Kg
Payload	2,510 Kg	2,370 Kg	-

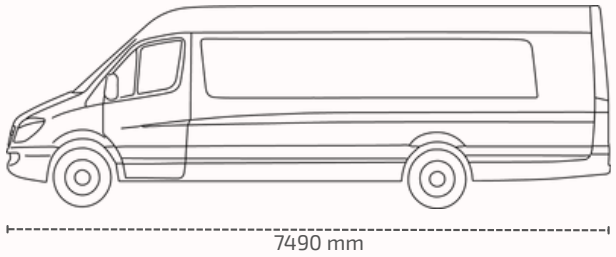
Performance	
Battery Capacity	120 / 140 / 170 kWh
Range (SORT)	325 km*
Maximum Speed	100 km/h
Maximum Slope	18 %
Turning Diameter	< 17.8m

*Standard Range. Depends on the payload and consumption of the final bodybuild

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

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



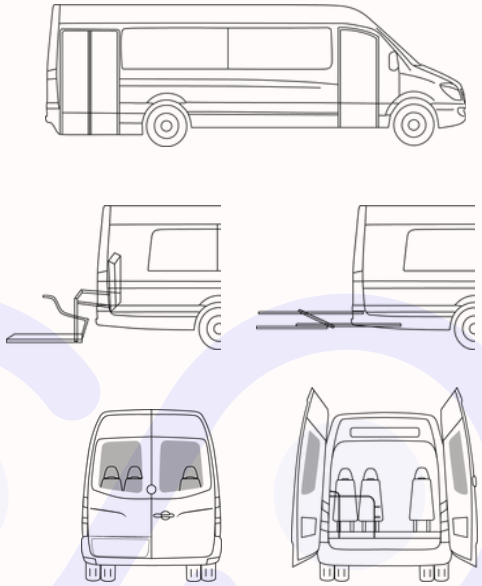


DESIGNED TO ADAPT

With our incomplete vehicles, we always provide a comprehensive bodybuilder manual detailing all possible modifications and how to perform them safely. This ensures that no structural elements are damaged, that no modifications compromise the safety of the vehicle or its passengers, and that the warranty can be fully maintained.

In cases where a modification is not included in the manual, you can consult us and we will forward your query to the R&D technical office responsible for these developments.

After a detailed technical study guaranteeing the safety of everyone involved, the requested change may be approved and accepted, ensuring full compliance with safety and quality standards.



FORCE - Paneled Van

The van is delivered with a set of approved partial European homologations included, providing a solid regulatory foundation for further customization.

These UNECE homologations can be utilized as the official Stage 1 for M3 and N2 certification, giving bodybuilders and clients a significant advantage by simplifying the certification process and accelerating time to market.

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	Transverse Leaf Spring
Rear	**Brakes**	Drum
	Suspension	Leaf Spring

ADAS & Active safety			
ABS - Anti-lock braking system	Yes	**AEBS - Advanced emergency braking systemm**	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 assistant**	Yes
BSIS - Blind spot	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

Homologation			
R10	Electromagnetic compatibility	**R121**	Hand controls and tell-tales
R13	Braking system	**R122**	Heating systems
R14	Safety-belt anchorages	**R130**	Lane Departure Warning System
R16	Safety-belts	**R131**	Advanced Emergency Braking Syst.
R17	Seat anchorages	**R138**	Sound emissions
R18	Protection against unauthorized use	**R141**	Tyre Pressure Monitoring System
R28	Horn	**R151**	Blind Spot Information System
R29	Cabin strength	**R155**	Cybersecurity
R39	Speedometer and odometer	**R158**	Reversing detection
R43	Safety glazing	**R159**	Moving Off Information System
R46	Devices for indirect vision	**130/2012**	Vehicle access and manoeuvrability
R48	Lightning and light-signalling	**458/2011**	Installation of tyres
R48	Emergency stop signal	**535/2021**	Annex II – Registration plate spaces
R51	Sound emissions	**1005/2010**	Towing devices
R58	Rear under-run protection	**2011/19**	Manufacturer statutory plate
R79	Steering equipment	**2021/1243**	Alcohol interlock facilitation
R89	Speed limiting	**2021/1341**	Driver Drowsiness
R100	Electrical safety	**2021/1958**	Intelligent Speed Assistance
		2023/2590	Advanced Driver Distraction Warning

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QEV TECHNOLOGIES, S.L.

www.qevtech.com
www.zeroidelectric.com

Calle del Rec Molinar 11,
08160 Montmeló, Barcelona, Spain
info@qevtech.com