



Ecoline EV

16 seats, 0 wheelchair places
7 seats, 2 wheelchair places

Functional and practical electric bus, designed for daily passenger transportation



BASE VEHICLE INFORMATION

	MERCEDES-BENZ	Sprinter	
DIMENSIONS, WEIGHT	Wheelbase, mm	4325	
	Length, mm	7367	
	Width, mm	2020	
	Height, mm	2703	
	Weight, kg	5500	
POWERTRAIN	Electric engine	150 kW / 1250 Nm	
	Drivetrain	Direct shaft to rear axle	
	Battery pack	115 kWh (400V) scalable NMC battery technology	
		19.8 kW charger AC (6 hours)	50 kW charger CCS (2.5 hours)
	Charger power		
Safety	AVAS – pedestrian audible warning system		
Service and checks	GSM service data transmitter (2-year subscription incl.)		
Range	Up to 200 km (depends on weather conditions)		
Top speed	90 km/h		

24 months or 150 000 km bus warranty
5 year or 150 000 km battery warranty

MAIN BASE VEHICLE

ARTICLE	DESCRIPTION
C6L	Multifunction steering wheel
E1U	USB socket, 5 V
F61	Rear mirror inside
F68	Exterior mirror heated and electrically adjustable
HH9	Air conditioner, semi-automatic controlled, TEMPMATIC HH2 Electrically powered auxiliary air heater
RG3	Tyres 205/75 R16 C
SB3	Suspension seat, comfort version, driver's seat F49 Windscreen, heated
H16	Heated seat for driver ER0 Basic fitting for radio XL4 5500 kg weight variant

CONVERSION SPECIFICATION

Engineered and manufactured by

ALTAS AUTO

ARTICLE	DESCRIPTION	QUANTITY
CONVERSION		
1.01	Primary conversion ECOLINE. - Electro installation, control unit with switches marked with corresponding icons, power switch - General and night lightning with LED lights built in ceiling, - Thermal and sound insulation, - Passenger compartment walls and ceiling covered with upholstery or artificial leather (fabric and colours are selected for particular passenger compartment configuration) - Flat floor covered with anti-slippery floor material, lowered rear wheel arcs	1
SEATS		
2.04	Tourist type seats SEGE seat upholstery with fabric standard leg and wall fixing (mounted on aluminium profile) 3p seat belts reclinable backrest reclinable armrest on aisle side magazine net, plastic rear side trimmed with fabric	16
2.05	Driver's seat sewing up with passenger seats material	1
ENTRANCE & EMERGENCY EXITS		
3.02	Power door, driver-operated, with remote control	1
3.07	Roof-hatch, 970x630 mm.	1
WINDOWS		
4.01	Double-glazed side windows into original places	1

HEATING & VENTILATION

5.04 R	Electric AC compressor 7 kW (400V)	1
5.05 R	Passengers compartment evaporator, cooling capacity 5 kW	1
5.18	Additional air ventilator in the saloon ceiling	1
5.14	Passenger compartment convecting heaters	4
5.10R	Interior electric liquid heater – 5 kW	1

INTERIOR

6.07	Windows partition finished in artificial leather	1
6.08	Rear doors finished in fabric trim	1
6.13	Side window curtains	1
6.23	Metal grab handles behind the driver (bended)	1
6.26	Grab handle at the entrance	1
6.35	Plastic carpet entrance steps	1
6.36	Rubber mat for driver	1

ELECTRICS & LIGHTING

7.04	Roof marking lights, 4 pcs.	1
7.08	Light intensity adjuster of the passenger cabin lighting, both day and night	1

AUDIO & VIDEO

8.17	CD player, Bluetooth, USB	1
8.07	Loudspeakers integrated into passenger compartment ceiling	6

MISCELANIOUS OTHER EQUIPMENT

9.05	Back drive sound system (activated when rear gear is selected)	1
9.24	Interior mirror, spherical	1
9.39	Glass-brake hammers, 2 pcs.	1
9.21	USB socket in the passenger compartment	10

EXTERIOR

10.03	Wheel covers	1
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SPECIAL ADDITIONAL EQUIPMENT

11.01	Additional floor and wall aluminum rails for wheelchair fastening	1
11.05	Quick-lock system for seat, set of two legs NMI	11
11.07	Handles for rear door emergency opening	1
11.12	Internal lift, electrically operated	1
11.06	External light for entrance space	1
11.11	Power springs for rear door opening	2

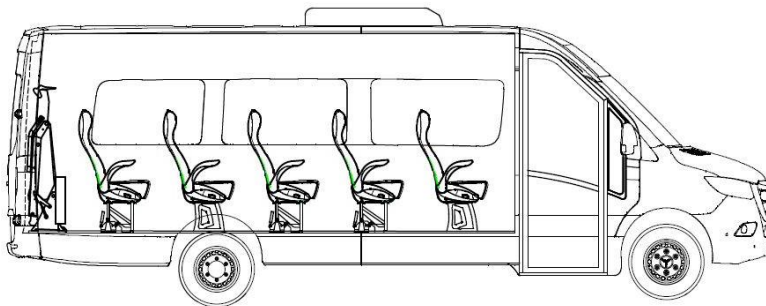
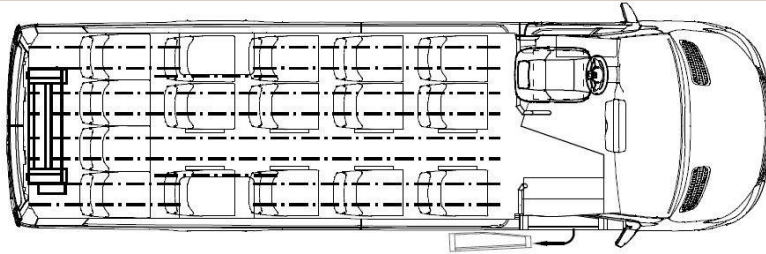


OPTIONAL EQUIPMENT

ARTICLE	DESCRIPTION	QUANTITY
4.05	Single-glazed rear door windows, non heatable	1
8.05	Microphone with amplifier	1
9.09	Watch with STOP indication	1
9.21	USB socket in the passenger compartment	10
10.01	Body painted bumpers and plastic moldings	1
11.04	Q-strait 3 point fixation system	2
11.10	STOP buttons at each wheelchair place in passenger compartment and at rear door outside	1
9.24	Holder for 6kg fire extinguisher	1
EV.01	Autonomous diesel heater Webasto 9 kW for driver and passenger compartment (together with present electric heater – 5 kW). Approved for HVO fuel.	1
EV.02	Passengers compartment air conditioning, cooling capacity 11,5 kW, mounted with additional electric A/C compressor 5kW	1

SCHEMES

SEATING SCHEME



WITH WHEELCHAIR

