

BUScenter

City EV

13 + 2 seats (folding), 2 standing, 0 wheelchair places

13 + 0 seats (folding), 0 standing, 1 wheelchair place

Electric city bus, equipped with quality materials and great functionality



BASE VEHICLE INFORMATION

	MAN	TGE	
DIMENSIONS, WEIGHT	Wheelbase, mm	4490	
	Length, mm	7391	
	Width, mm	2427	
	Height, mm	2590	
	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	70 km/h		

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

MAIN BASE VEHICLE

ARTICLE	DESCRIPTION	
6XP	630GC	Exterior mirrors, power-adjustable, heated and power-folding
KH6	631ZK	Air conditioning system Climatic in cab
8T6	631RB	Cruise control system with speed limiter
6N2	635LC	Mud flaps rear and front
IS2	631JD	Terminal block and function control module 1 with body builder programming
4HH	631YB	Heated rear window
5R2	635TC	Right sliding door in load/passenger compartment
3TK	634PJ	"Ergo Active" suspended seat on the left, in 1st row of seats
8ID	632BA	Halogen twin headlamps
4GX	637NL	Heat-insulating windshield made of laminated glass, heated
ZD3	639JL	Super-high roof
07V	635A2	Registration as 5.5t
EU1	634MB	Two 12-V outlets in the cab (in the dashboard)
4A1	634YB	Seat heater for the driver seat, controllable
IL2	630LJ	Acoustic warning when reverse gear is engaged, can be turned off
8YZ	633ND	Radio preparation
7 E7	637NB	Electric air auxiliary heater (1 400 W)
ZT0	639HY	Elimination of partition
3SA	634RA	Without right seat, in 1st row of seats

CONVERSION SPECIFICATION

Engineered and manufactured by

ALTAS AUTO

ARTICLE	DESCRIPTION	QUANTITY
CONVERSION		
	Primary conversion CITY.	1
M1.05	<ul style="list-style-type: none"> - Electro installation, control unit with switches marked with corresponding icons, power switch, - General and night LED passenger compartment lighting mounted into profiles, - 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), - Floor covered with anti-slip PVC flooring, - Hanging bars for standing passengers 	
SEATS		
M2.01	Intercity type seats Kiel Ligero seat upholstery with fabric standard leg and wall fixing 3 point safety belts fixed backrest	13
M2.01 R	Flap seats Kiel Nemo 2 point safetybelts	2
M2.05	Driver's seat sewing up with passenger seats material	1

ENTRANCE & EMERGENCY EXITS

M3.14	Double electric door, 1200mm width, remotely operated	1
M3.10	Roof-hatch, 970x630 mm.	1
M3.16	Foldable ramp at the double door entrance	1

WINDOWS HEATING

M4.03	Panoramic double-glazed side windows	1
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& VENTILATION

M5.01R	Electric AC compressor 7 kW (400V)	1
M5.02R	Passengers compartment evaporator, cooling capacity 6,5 kW	1
M5.18	Additional air ventilator in the saloon ceiling	1
M5.09	Side ducts for conditioned air	1
M5.14	Passenger compartment convecting heaters	3
M5.25R	Interior electric liquid heater – 5 kW	1

INTERIOR

M6.07	Windows partition finished in artificial leather	1
M6.08	Rear doors finished in fabric trim	1
M6.10	Glass separation wall behind the driver	1
M6.26	Grab handle at the entrance	1

ELECTRICS & LIGHTING

M7.10	Lights in the rear door decorations	1
M7.08	Light intensity adjuster of the passenger cabin lighting, both day and night	1

AUDIO & VIDEO

M8.17	CD player, Bluetooth, USB	1
M8.07	Loudspeakers integrated into passenger compartment ceiling	6

MISCELLANEOUS OTHER EQUIPMENT

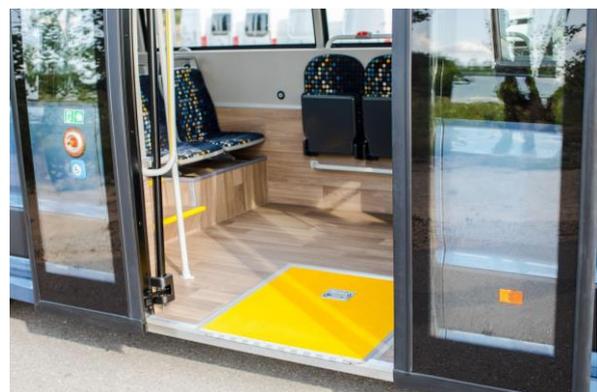
M9.09	Watch with STOP indication	1
M9.11	STOP buttons in passenger compartment	7
M9.50	Box for additional equipment, front mounted, right side	1
M9.39	Glass-brake hammers	3
M9.30	Exterior plastic hood for LED destination sign, above windscreen	1

EXTERIOR

M10.05	Side body-skirts, body painted	1
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SPECIAL ADDITIONAL EQUIPMENT

11.04	Q-strait 3 point fixation system	1
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OPTIONAL EQUIPMENT

ARTICLE	DESCRIPTION	QUANTITY
M5.18	Additional air ventilator in the saloon ceiling	1
M8.07	Loudspeakers integrated into passenger compartment ceiling	6
M8.19	Flexible microphone for driver	1
M9.21	USB socket in the passenger compartment	10
M9.24	Interior mirror, spherical	1
M9.47	Holder for 6kg fire extinguisher	1
M9.51	Full VB-air rear axle suspension	1
M10.01	Body painted bumpers and plastic moldings	1
M10.14	Decorative painting around side windows, black color	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

