



12m Chariot intercity e-bus

Technical specification





Chariot Motors electric buses are sustainable, silent, and green EV

The Chariot Motors Company helps the transition to green public transportation by offering fully electric, zero emission, non-polluting e-buses. Our electric vehicles provide the transport operators with independence and emissions-free transportation by reducing harmful gases every day.

Our mission is to:

- **encourage a better future for us all;**
- **help make the environment clean and green;**
- **offer reliable and zero emission electric buses;**
- **offer high energy efficiency and quality.**

The innovative **Chariot 12m intercity electric bus** has outstanding features which are highly efficient, with low energy consumption, high mileage and very comfortable for the passengers.

The intercity e-buses offered by Chariot Motors use the latest battery technology as energy storage, manufactured by the world leader CATL. The battery capacity ensures more than 300km smooth and comfortable travel in a relaxing saloon environment. The coziness of the vehicles is achieved by different fully electrically driven units communicating via standard CAN line. These buses are equipped with the most revolutionary powertrain system produced by SIEMENS which unique feature is the incomparable optimization of energy efficiency and dynamic smoothness of speed. All the systems integrated in these vehicles are manufactured by the worldwide leading companies with a long experience in bus production.

Our experts are here to help your transition to the future. We at the Chariot Motors Company have acquired deep experience in the electric bus market since incorporation in 2009. We have supplied over 220 electric buses to many European and Israeli cities.

Contact us to help you with the transition to sustainability: info@chariot-electricbus.com

In January 2023 our e-buses covered more than **85 million kilometers** worldwide of roadway.



100% electric, zero-emissions e-bus

With the future of the cities and transport operators in mind, Chariot Motors developed its electric buses. Our battery technology is the solution of urban transportation evolution with its highest safety levels, low energy consumption, and flexible charging options.

Comfort and technology

Have a quiet journey with Chariot intercity e-bus. It has spacious interior, wide panoramic view, fabric or plastic passenger seats, and efficient electric powertrain. Feel the comfort after taking the step into the fully electric, exquisite e-vehicle.



12m intercity e-bus technical specifications

Body			
Length×Width×Height (mm)	Standard	-	12350×2500× 3820
Passenger capacity seated	Standard	-	55 seats + 3 standees+1 guide+1 driver
Baggage compartment volume (m³)	Standard	-	3.52m³
Wheelbase, mm	Standard	-	6500
Minimum ground clearance (mm)	Standard	-	≥190
Door arrangement	Standard	-	1-1, Swing door
Side windows	Standard	-	Double glazed/Single glazed, black privacy tint
Drive motor brand	Standard	-	Siemens 1DB2022 (260KW)
Control system brand	Standard	-	Higer electric control system
High voltage control cabinet form	Standard	-	4 in 1
Cooling mode of high voltage control	Standard	-	Water-cooling
Battery brand	Standard	-	CATL 423kWh (Water collant)
Charging system	Standard	-	"CCS-combo 2" type charging socket
Chassis			
Front axle	Standard	-	ZF RL 75E
Rear axle	Standard	-	ZF A 132 ratio 5.87
Steering	Standard	-	Bosch 8098
Propeller shaft	Standard	-	Maintenance-free
Brakes	Standard	-	Disc brake, Wabco EBS and ESC
Suspension levelling system	Standard	-	ECAS II with kneeling function
Tires	Standard	-	295/80R22.5
Air-conditioning			
Air-conditioning	Standard	-	NTC AC
Heating system	Standard	-	Electric heating system
Defrost	Standard	-	Electric defroster
Electrical system			
Electrical installation	Standard	-	Actia instrument
	Standard	-	CAN-Bus system
	Standard	-	VDO 4.0 tachograph
	Standard	-	Electrical windscreen sunshade
	Standard	-	Electrical rear-view mirrors with defroster
	Standard	-	Reversing radar
	Standard	-	Hannover LED destination sign
Entertainment	Standard	-	Wi-Fi
	Standard	-	USB charger
	Standard	-	Audio system, gooseneck microphone
Driver seat	Standard	-	ISRI air-suspension driver seat





Find more information on: www.chariot-electricbus.com

Contact us via e-mail: info@chariot-electricbus.com

All images, tables, and specifications are Chariot Motors Company releases. Some features, applications, and services may vary.