

PRESENTATION

CaetanoBus developed the new **e.City Gold**, a fully electric city bus, which responds to the need to reduce both energy consumption in the transportation sector and carbon dioxide emissions in urban areas. The vehicle is the combination between the wide experience in the development of city buses with aluminum body and the new generation of CAETANO vehicles with eco friendly motors. With a high passenger capacity and adapted to people with reduced mobility, the **e.City Gold** stands out for its zero emission and silence, fulfilling the highest standards of design.



YOUR CITY, OUR BENEFITS

How can we promote your city with our technology? Know the advantages of the **e.City Gold**.



- **2** Zero emissions
- 3 Silent
- 4 New generation of batteries
- Reduction of operating costs (energy and maintenance)
- Product customized to customer needs



SPECIFICATIONS

STRUCTURE		
Chassis	Low floor or low entry in steel, with surface treatment and anti corrosion paint	
Bus body	Lightweight aluminum	

ENGINE		
Туре	Synchronous motor	
Nominal power	160 kW @ 1500 rpm	
Nominal torque	1500 Nm @ 210 A	
Maximum torque	2500 Nm @ 350 A	
Maximum speed	3500 rpm	

BRAKING SYSTEM

Front and rear disc brakes with electronic controlled brake system EBS3 4S WABCO, and regenerative braking. Electrical energy generated during braking is stored in the batteries

Electrical chargy generated during braking is stored in the batteries		
EBS (Electronic Braking System)	More efficient brake control	
ABS (Anti-Lock Braking System)	Ensures a stable braking on all surfaces	
ATC (Automatic Traction Control)	Prevents drive wheels to rotate around themselves	
Hill Holder	Assists starts on ramps using the brakes to keep the vehicle stopped	

SUSPENSION SYSTEM

With 2 air springs in front and 4 in the rear, controlled by Wabco ECAS electronic module independently with leveling sensors on each side

ECAS (Electronically Controlled Air Suspension)	Automatic height compensation
	With 2 air springs in front and 4 in the rear, controlled by Wabco ECAS electronic module independently with leveling sensors on each side.



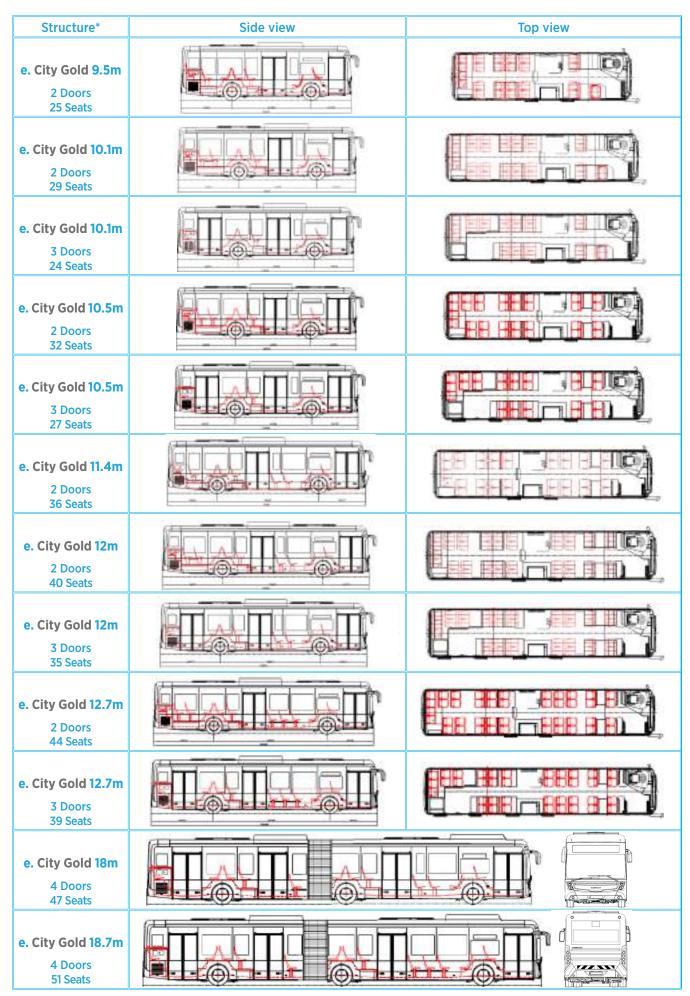
BATTERIES					
Batteries are positioned on the roof for a better optimization of space inside the vehicle					
Range per charge	Up to 200 kms				
Quick charging (Combined Charging System)	DC 150kW	Example: 150kWh Battery system: full charge in 60 min.*			
Onboard charging	Three fase AC (optional)	Example: 85kWh Battery system: Full charge in 7h30			

^{*}Adjustable to customer needs.





SPECIFICATIONS





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