

# e.City Gold

YOUR CITY, OUR TECHNOLOGY



Electromobility  
powered by

**SIEMENS**

**CAETANO**



# 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.



CAETANO

# YOUR CITY, OUR BENEFITS

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

- 1 Passenger comfort
- 2 Zero emissions
- 3 Silent
- 4 New generation of batteries
- 5 Reduction of operating costs (energy and maintenance)
- 6 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	
Type	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	
<b>EBS</b> (Electronic Braking System)	More efficient brake control
<b>ABS</b> (Anti-Lock Braking System)	Ensures a stable braking on all surfaces
<b>ATC</b> (Automatic Traction Control)	Prevents drive wheels to rotate around themselves
<b>Hill Holder</b>	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	
<b>ECAS</b> (Electronically Controlled Air Suspension)	Automatic height compensation
<b>Kneeling</b>	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

Structure*	Side view	Top view
<b>e. City Gold 9.5m</b> 2 Doors 25 Seats		
<b>e. City Gold 10.1m</b> 2 Doors 29 Seats		
<b>e. City Gold 10.1m</b> 3 Doors 24 Seats		
<b>e. City Gold 10.5m</b> 2 Doors 32 Seats		
<b>e. City Gold 10.5m</b> 3 Doors 27 Seats		
<b>e. City Gold 11.4m</b> 2 Doors 36 Seats		
<b>e. City Gold 12m</b> 2 Doors 40 Seats		
<b>e. City Gold 12m</b> 3 Doors 35 Seats		
<b>e. City Gold 12.7m</b> 2 Doors 44 Seats		
<b>e. City Gold 12.7m</b> 3 Doors 39 Seats		
<b>e. City Gold 18m</b> 4 Doors 47 Seats		
<b>e. City Gold 18.7m</b> 4 Doors 51 Seats		

Manufacturer reserves the right to change product specifications  
 \*Standing passenger capacity according to the country's legislation



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