

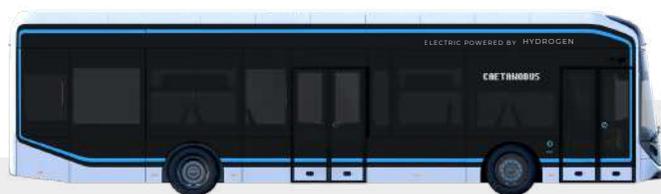
# H2.City Gold | 12m

Hydrogen-powered bus



**CAETANO**

With your city, with your vision



Lenght

Width

Height

12 250 mm

2 550 mm

3 400 mm

Wheelbase / Front overhang /Rear overhang (mm)	5850 / 2910 / 3500
Approach/ Departure angle	7/7°
Interior height/ Turning circle (mm)	2100 / 24000
Passenger capacity	85 (32 seats + driver + 51 standing passangers + wheelchair) depending on the seats layout
Eletric motor	Rated power: 180 kW   Peak power: 350 kW   Maximm torque: 3500 Nm   Maximum speed:3300 rpm   Permnannt magnet synchronous motor
Traction batteries	LFP technology 100 kWh   Plug-in charging CCS Combo Type 2, 120kW
Fuel cell system	Toyota FC stack 70kW
Hydrogen storage	40kg (4 hydrogen storage tanks on the roof), 350 bar   Filling device installed above the right front wheel
Automony	Up to 600 km
Axles	Front axle: ZF RL 82 EC, load capacity: 7500 kg   Rear axle: ZF AV 133, load capacity: 12000 kg
Brake system	Disc Brakes   Electronic Parking Brake   EBS with ABS, ASR, Hill Start Assist and Regenerative braking   AEBS
Tires	275/70 R22.5"
Auxiliary batteries	Lead-Acid batteries, 195Ah*2
Eletronic equipment	CCTV, Camera rearview system and other optionals avaiable
Structure	High strenght carbon steel, monocoque construction cataphoresis anticorrosion treatment
Floor	PP cellular panel honeycomb structure
Access	Front swing door, eletric drive   Rear sliding door, eletric drive   Ramp at door 2
Windows	Laminated windscreen   Driver´s window with integrated resistance
HVAC	Eletric AC system with heat pump, roof mounted   Eletric defroster for the driver (triple function frontbox)
Homolgation	EU Type approval (WVTA), R66