

# H2.City Gold | 18m

Hydrogen-powered bus



**CAETANO**

With your city, with your vision



Length	Width	Height
18 665 mm	2 550 mm	3 435 mm

Wheelbase / Front overhang / Rear overhang (mm)	6050 and 6250 / 2865 / 3500
Approach/ Departure angle	7/7°
Interior height/ Turning circle (mm)	>2300 / 25000
Passenger capacity	130 passengers depending on the seats layout
Electric motor	Central motor (2nd axle) peak power: 240 kW Maximum torque: 3200 Nm   Auxiliary motor (3rd axle) peak power: 135 kW Maximum torque: 1700 Nm
Traction batteries	LFP technology   176 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
Autonomy	Up to 500 km
Axles	ZF RL 82EC Steering axle, load capacity: 8200 kg   ZF AV 133 Middle axle, load capacity 13000 kg   ZF AV 133 Support axle, load capacity: 13000 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
Electronic equipment	CCTV, Camera rearview system and other optionals available
Structure	High strength carbon steel, monocoque construction cataphoresis anticorrosion treatment
Floor	PP cellular panel honeycomb structure
Access	Front swing door, electric drive   Middle sliding door, electric drive   Rear sliding door, electric drive   Ramp at door 2
Windows	Laminated windscreen   Driver's window with integrated resistance
HVAC	Electric AC system with heat pump, 2 roof mounted units   Electric defroster for the driver (triple function frontbox)
Regulation	EU Type approval (WVTA)   R29, R66 & R93