



# ELEC CITY Fuel Cell



# ELEC CITY Fuel Cell. A Better City.

ELEC CITY Fuel Cell brings a clean energy experience to your daily urban transportation.

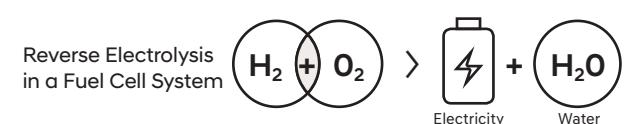


## A clean bus that cleans the air

When oxygen from the air and hydrogen from the tank passes through a three-stage filter in the fuel cell stack, electricity is produced, while emitting only water and filtered air. When a single ELEC CITY Fuel Cell travels 86,000 km per year, it purifies 418,218 kg of air, equivalent to the amount of clean air that approximately 30,000 \*adults can breathe daily.

\* Average weight 64kg

Reverse Electrolysis  
in a Fuel Cell System

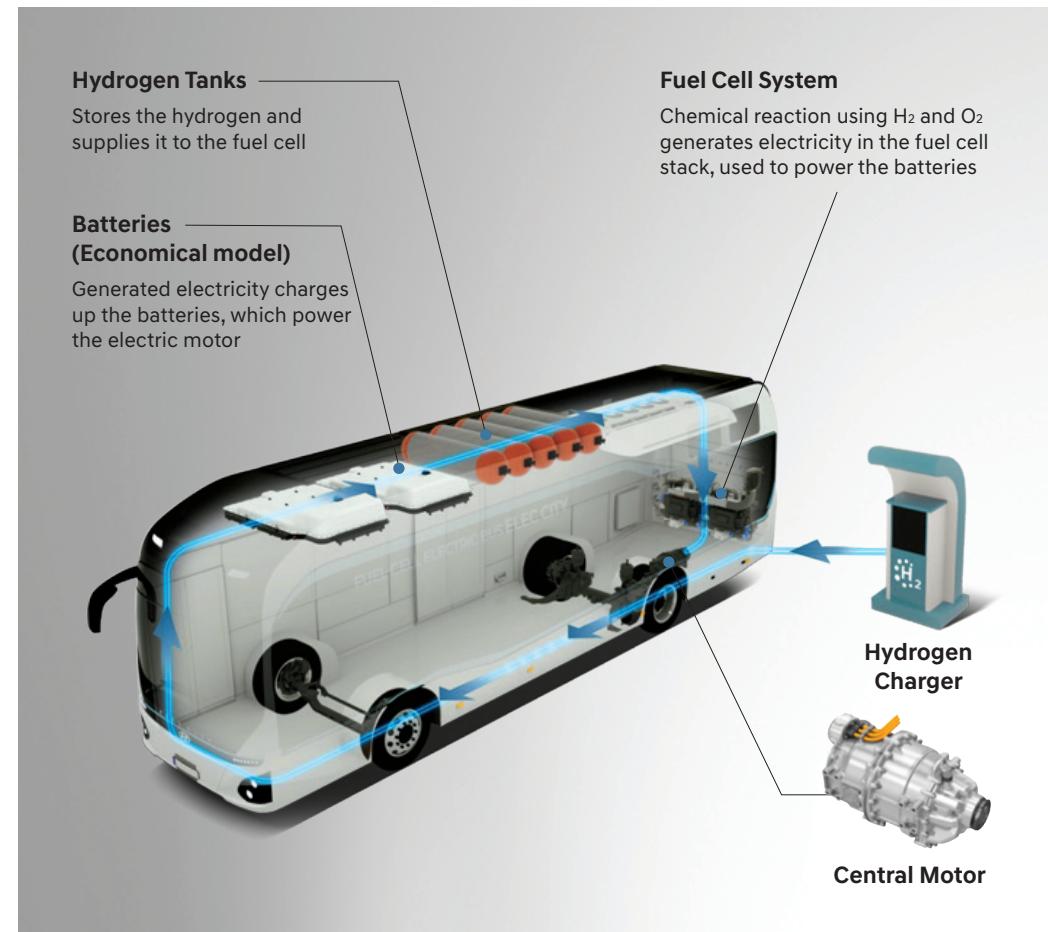




## Travel up to 550 km on a single charge

ELEC CITY Fuel Cell can quickly adapt to a dynamic driving environment with its 180 kW fuel cell system. With the newly implemented central motor, further enhanced the quality and efficiency of the driving range, it can travel up to 550 km on a single charge (tested in Seoul).

※ The above mileage is an average value based on a specific driving environment and a representative test route according to Hyundai Motor's test standards and may vary depending on temperature, road conditions, number of passengers, driving habits, charging infrastructure, and charging pressure.



## Sophisticated fuel cell system running on hydrogen

The fuel cell system in the vehicle combines stored hydrogen and oxygen from the air to generate electricity that powers the motor. The system underwent rigorous testing to guarantee optimal performance and safety of the hydrogen tank.



# Clean Mobility Design Identity.

ELEC CITY Fuel Cell showcases its unique identity with the aerodynamic design that minimizes noise and vibration, while also with striking light blue character lines that are used in Hyundai's clean mobility lineup.



Bifunction Projector Headlamps & LED DRLs  
(Daytime Running Lamps)



Front Two-Piece Glasses, Parallel Wipers,  
and Mirrors with LED Turn Signal Lamps

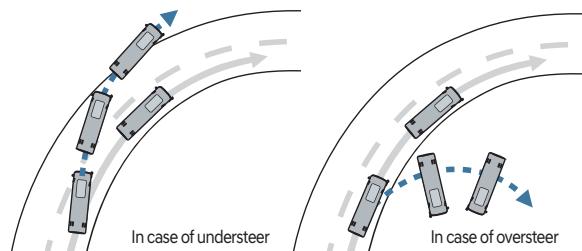


4-Unit LED Rear Combination Lamps

# Cutting-Edge Safety Technology.

## Safety Drop-Off Warning (Front and Middle Door Ultrasonic Sensor)

Ultrasonic sensors are installed at the front and middle door to prevent accidents when passengers board and exit.



## Vehicle Dynamic Control

In case of sudden turns, acceleration, or braking, the brakes for each wheel are actively controlled to improve safety and avoid accidents.



## Sound Alarms

As FCEVs operate silently, they are equipped with virtual engine sounds warning pedestrians of the vehicle approaching. Meanwhile drivers can hear proximity alarms that aid reversing in tight spaces.



## Ultrasonic Safety Sensor Indicator

The warning sign on the dashboard linked to the front and middle door ultrasonic sensor improves safety when passengers board and exit.

※ The advanced driver-assistance system (ADAS) only assists drivers and bears no responsibility for vehicle operation. Always operate and drive the vehicle with caution.

※ Depending on the environment, surrounding conditions, and driving and operating conditions, the ADAS may stop operation. Please refer to the Owner's Manual for more information and limitations.

※ Specifications are applied differently depending on the trim and optional specifications. If the option is not selected, the corresponding function is not provided.

# Better Driving Environment.

The ELEC CITY Fuel Cell cab is designed with an intuitive and easy control layout.

It offers a comfortable cockpit experience for safe and pleasant driving.



Driving Space Designed for Driver Comfort

※ (Artificial leather + Heater : Default), (Real leather + Heater+ Ventilated seats : Optional)



Full Color LCD Cluster



Automated Air Conditioning / Button-Type  
Automatic Transmission (Shift-By-Wire)

# Designed for the Passengers.

ELEC CITY Fuel Cell considers passenger comfort with upgraded cushion support and seat layout.

It provides a restful ride to the passenger, coupling well with the silent and less vibrating drive characteristics of a fuel cell bus.



Seat layout for 48 (22+1+25) Seats and Improved Indoor Tread Structure



Larger Front / Middle Door Partition Boards  
(Reinforced Plastic Material)



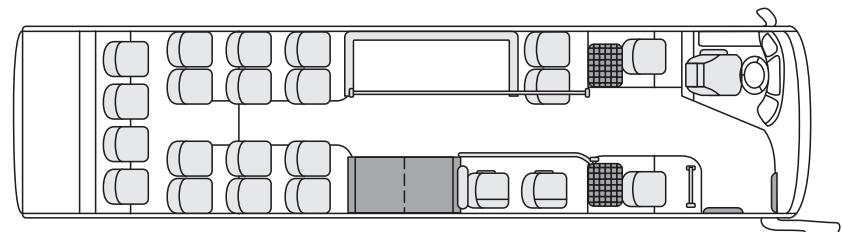
Hip Rest & USB Charging Ports in Passenger Seats



## Specifications

Seat Capacity	48 (22+1+25) Seater
Overall Length	10,995 mm
Overall Width	2,490 mm
Overall Height	3,400 mm
Fuel Cell System	180 kW (2 x 90 kW each)
Hydrogen tank	Capacity 875 L (5 x 175 L each) Hydrogen 33.99 kg Charging Pressure 700 bar
Motor	Type Central Motor Power 180 kW
Battery	Type Lithium-ion Energy Capacity 78.4 kWh (2 x 39.2 kWh each)

## Seat Layout



48 (22+1+25) Seater