

NIKOLA®



INTRODUCING A ZERO-EMISSIONS TRUCK

TRE® **FCEV**

THE HYDROGEN-POWERED CABOVER FOR LONGER OR CONTINUOUS METRO-REGIONAL APPLICATIONS

Hydrogen is an abundant and clean energy source, which on a mass basis, has nearly three times the energy content of gasoline.¹ When used to power a fuel cell electric vehicle (FCEV), it emits zero carbon with water as the only byproduct. Hydrogen is an ideal energy source for long-distance heavy commercial transportation.

The Nikola TRE FCEV, with its extended range and fast refueling time, will make the use of hydrogen for commercial transportation a reality at a cost comparable to diesel and with a lower carbon footprint.

1. <https://www.energy.gov/eere/fuelcells/hydrogen-storage>





PERFORMANCE

GCWR	82,000 lbs.
Range	up to 500 miles*
Max Speed	70 mph
Continuous Wheel Torque	12,500 ft-lb
Power (Continuous)	536 HP / 400 kW

HYDROGEN SYSTEM

Fuel Cell Power Modules	200 kW
Hydrogen Capacity	65 DGE gal/70 Kg
Refuel Time	< 20 min**
Total Battery Energy	164 kWh

*Range estimate was calculated using data obtained from Nikola proving grounds testing, real-world vehicle operation, and computational-based engineering and validation tools. Actual range will vary based on several factors including use case, vehicle characteristics, driver behavior, and environmental conditions.
** Estimate based on expected technology improvements.

Specifications subject to change

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POWERTRAIN ARCHITECTURE

