

NIKOLA®



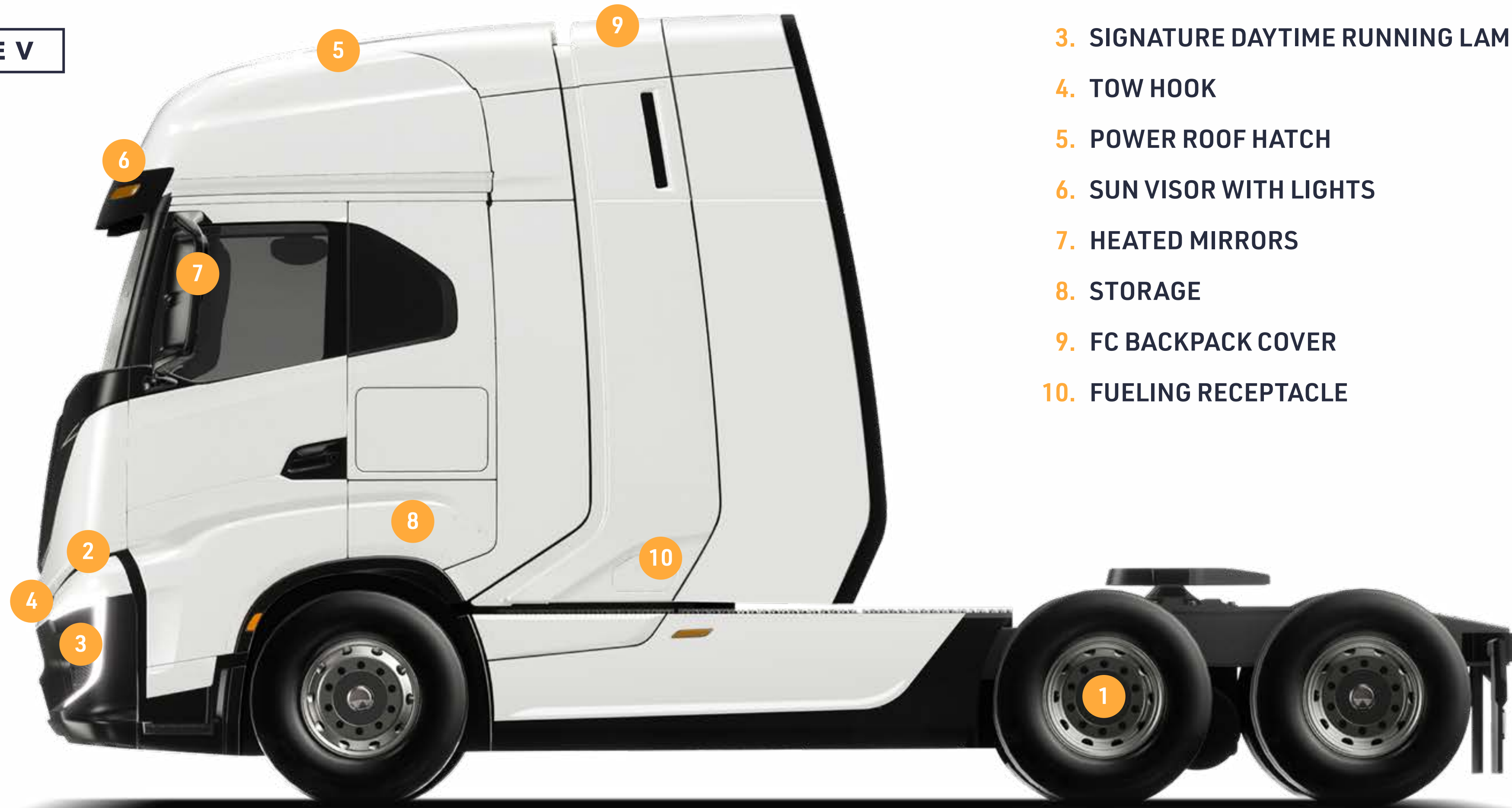
⚡TRE® **FCEV**

THE HYDROGEN FUEL CELL
ELECTRIC CLASS 8 VEHICLE

FOR LONGER OR CONTINUOUS
METRO-REGIONAL APPLICATIONS

THE GAME CHANGER

TRE[®] FCEV



1. eAXLE TECHNOLOGY
2. AEBS RADAR
3. SIGNATURE DAYTIME RUNNING LAMPS
4. TOW HOOK
5. POWER ROOF HATCH
6. SUN VISOR WITH LIGHTS
7. HEATED MIRRORS
8. STORAGE
9. FC BACKPACK COVER
10. FUELING RECEPTACLE



TRE[®] FCEV

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

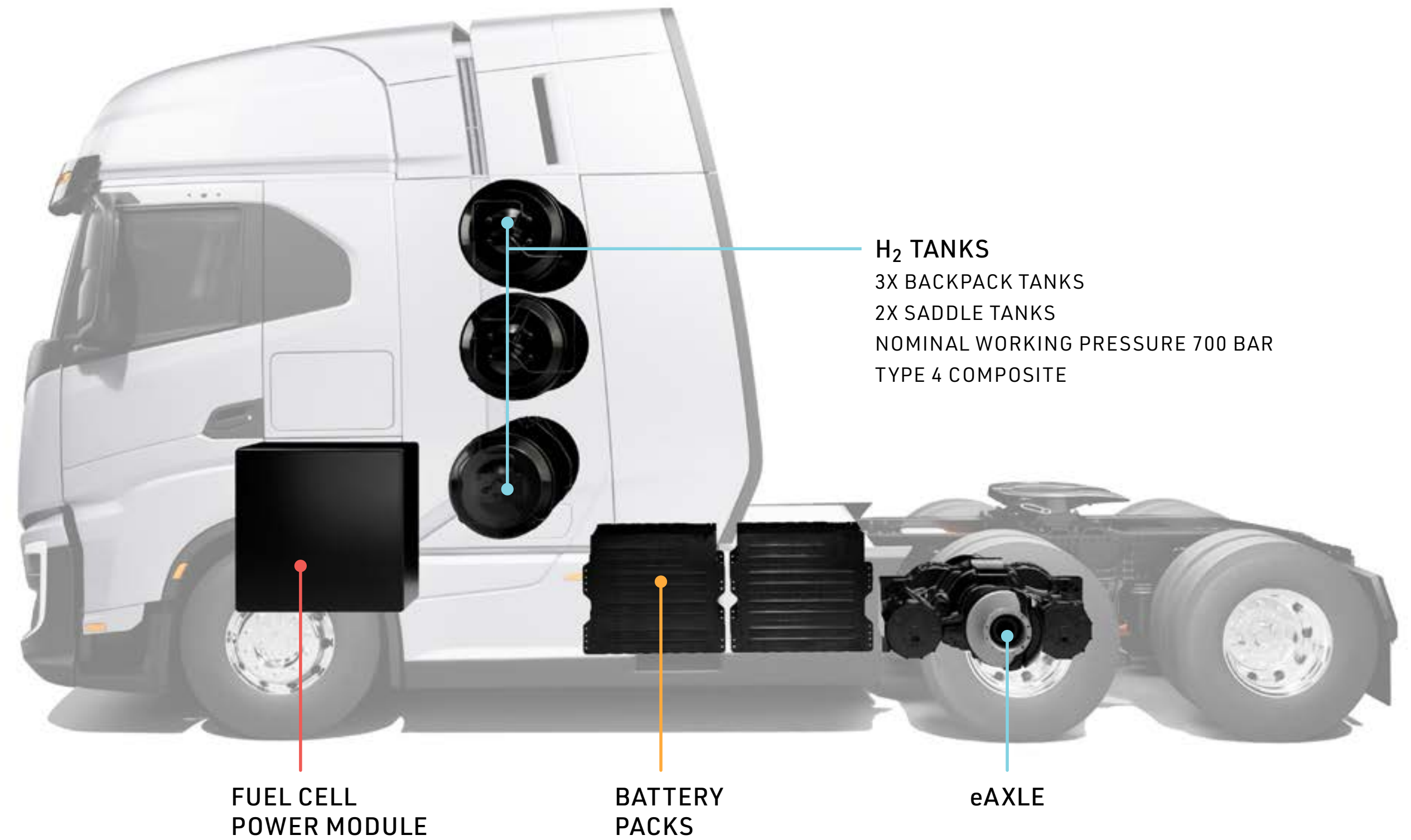
* Range estimate was calculated using data obtained from Nikola proving grounds testing, real-world vehicle operation, and computational-based engineering and validation tools. Actual range will vary based on several factors including use case, vehicle characteristics, driver behavior, and environmental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

** Based on vehicle capability. Actual refuel time will vary based on characteristics of the hydrogen fueling location, including fueling hardware and software protocol, fuel quantity, and fueling conditions.

Specifications subject to change

NIKOLA

▶ **POWERTRAIN ARCHITECTURE**





PREMIUM DRIVER EXPERIENCE

The driver experience for a Nikola hydrogen fuel cell electric truck begins when you get into the spacious, ergonomically-designed cabin. The first thing you'll notice is the exceptional visibility, allowing you to navigate the open road or tight loading docks. Powering on the truck you may feel like you're in a premium vehicle as the dual display screens come to life. The customizable driver-assist technology with truck-specific navigation eases stress when setting off on a long journey.

Shifting into Drive, that's where the real experience begins. Exceptional power and acceleration is provided by high-performance electric motors, with one-pedal driving making stop-and-go traffic easier to handle. Advanced electronic steering is designed with superior maneuverability in mind, and the smooth ride is provided by an electronically-controlled air suspension system.

Integrated, seamless, smooth, the experience can only be felt behind the wheel and on the road.

ADVANCED INTERFACE

The Nikola FCEV is your partner in transport. Through its advanced interfaces, the driver can optimize travel time, fuel usage, and monitor vehicle systems. These advanced intuitive features deliver usability and performance that the competition cannot match.

NAVIGATION – CUSTOMIZED FOR CLASS 8

Nikola's bespoke navigation system designed for the Tre FCEV integrates route planning that accounts for trailer dimensions and HAZMAT classifications.

PROACTIVE FUEL CELL MANAGEMENT

High-tech doesn't mean high-difficulty. Nikola's system intuitively allows operators and fleet owners to monitor fuel-cell performance – and informs the user how to maximize uptime.



THE NIKOLA DRIVE APP

AT NIKOLA, THERE IS AN APP FOR THAT.

The Nikola Drive app works on Apple or Android devices and provides levels of information and convenience never before seen in the ZEV Class 8 market.

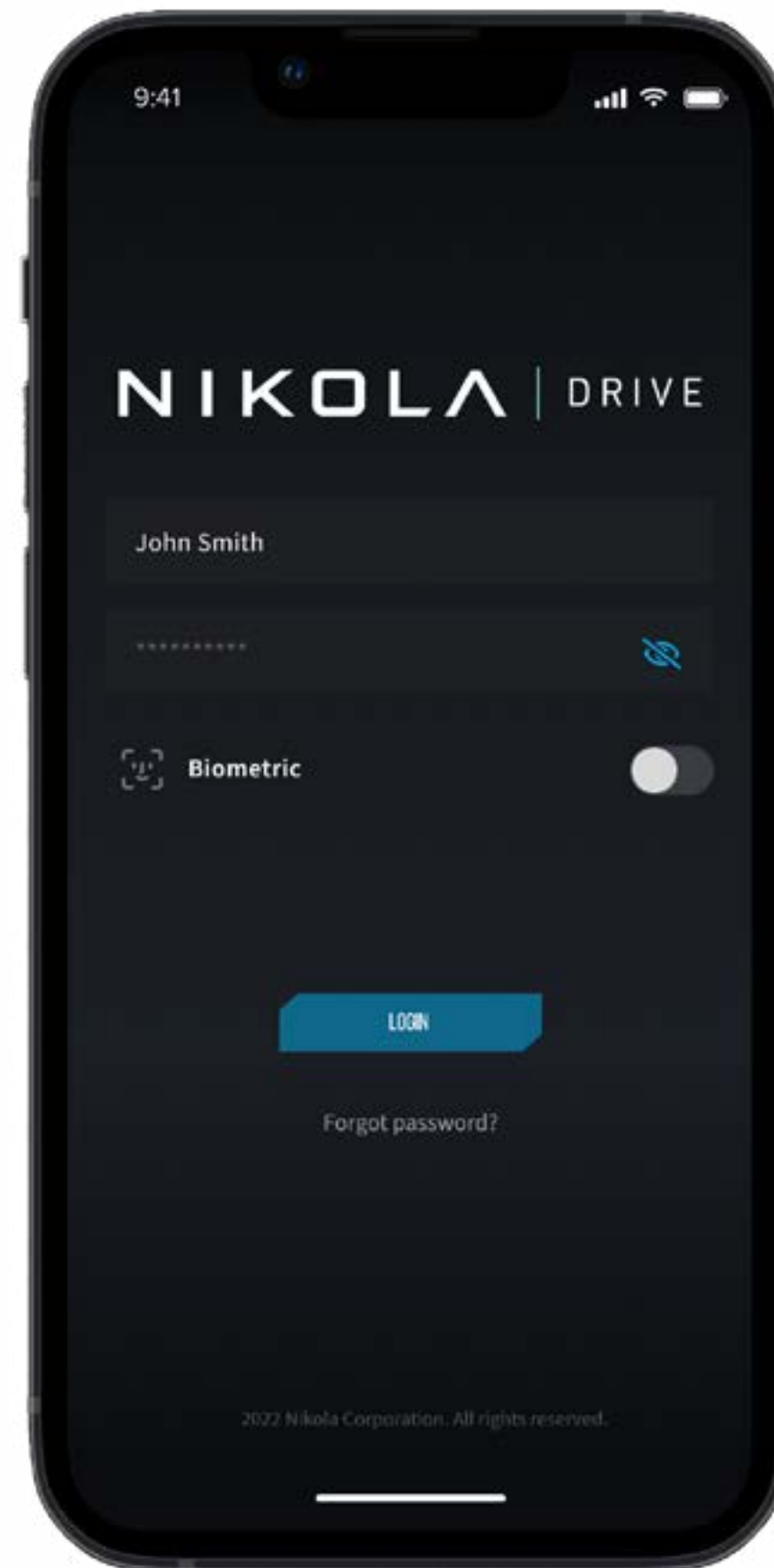
The app allows for driver comfort, as well as peace of mind for the driver and fleet manager. If information is power, Nikola App users are the mightiest in trucking.



THE NIKOLA DRIVE APP

The Nikola Drive app puts you in control.

- Remotely lock and unlock the truck
- Control climate remotely for a comfortable temperature in the cab
- Activate beacon or horn to locate the truck
- Prepare the vehicle for optimal performance



▶ WE'VE GOT
YOUR BACK



- PREMIUM SEATS
- HEATED AND VENTILATED
- ADJUSTABLE LUMBAR AND BOLSTER
- PNEUMATIC SHOCK DAMPENING

▶ REVOLUTIONARY CONTROL

Advanced electronic steering designed to improve maneuverability, drivability, and navigation through tight spaces. Easy access button switches put control at your fingertips.



INNOVATIVE DESIGN

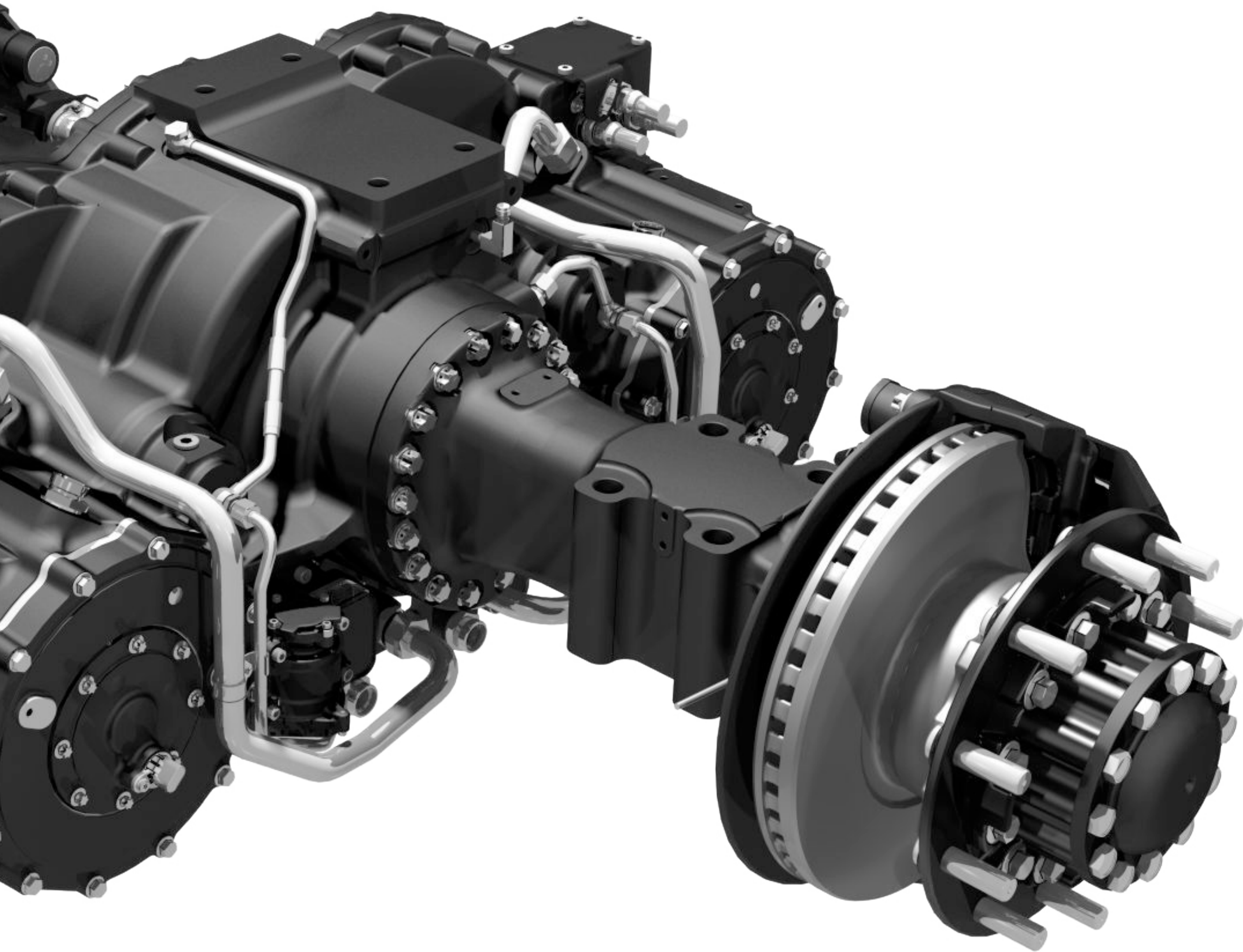
Intuitive driver assist technology enables drivers to adjust settings and utilize truck specific navigation.



POWERFUL PERFORMANCE

High-performance electric motors deliver exceptional power, acceleration, and feel.





▶ REVOLUTIONARY PERFORMANCE

The Nikola Tre eAxle is cutting edge technology that is purpose-built to perform in heavy duty applications and provides the power, performance, and reliability needed to shift to a zero-emissions future.

eAXLE

GCWR	82,000 lbs.
Max Speed	70 mph
Gradeability	36 mph @ 6%
Power (Continuous)	400 kW/536 HP

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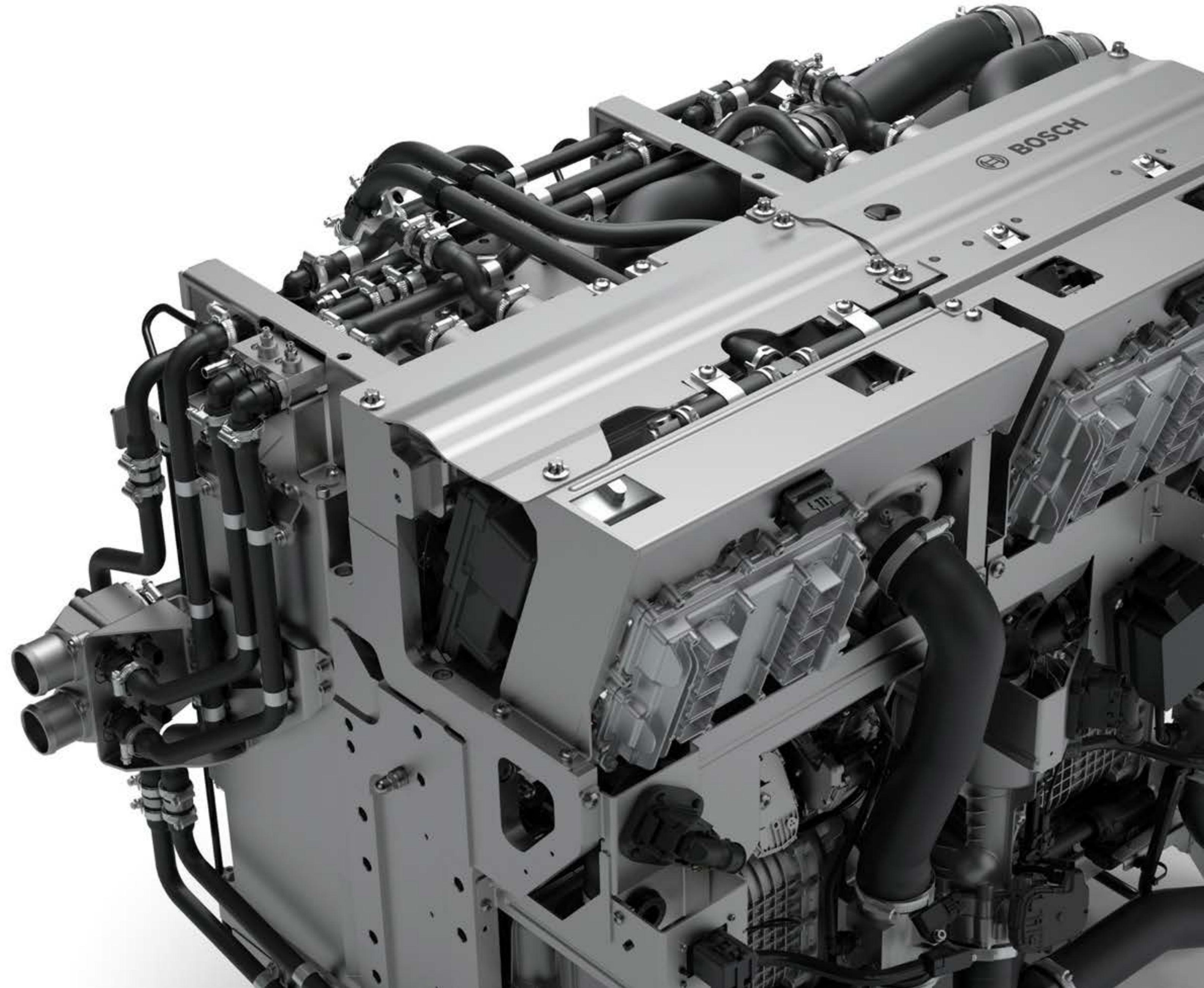
▶ REVOLUTIONARY POWERTRAIN

State of the art fuel cell technology converting hydrogen to electric power. Designed to deliver efficient and reliable performance.

SYSTEM

Fuel Cell Power Module	200kW
Total Battery Energy	164 kWh
H2 Capacity (usable)	70 kg
Refuel Time	≤ 20 min**

***Based on vehicle capability. Actual refuel time will vary based on characteristics of the hydrogen fueling location, including fueling hardware and software protocol, fuel quantity, and fueling conditions.*



SAFETY COMES STANDARD

The Nikola Tre FCEV is equipped with advanced safety systems such as Lane Departure Warning, Advanced Emergency Braking, and Front and Rear Cameras. Nikola has also developed a complete ecosystem of distinct visual and audible alerts to immediately inform drivers of warnings, keeping you focused on the road.



ADAPTIVE CRUISE

Helps maintain speed and distance to vehicles on the road.



ADVANCED WARNING

Blindside Warning Systems (left/right) come standard.





▶ SERVICE & MAINTENANCE

Equipped with smart truck technology that is fully integrated with built-in diagnostic tools to give fleets real-time access to monitor performance and increase uptime, allowing for comprehensive support.



SERVICE SUPPORT

Our trucks are supported by Nikola View, a service portal that provides fleet managers and dealers insights to minimize downtime.



MONITORING

Advanced monitoring systems assist drivers and fleets to reduce downtime.

ON AVERAGE:

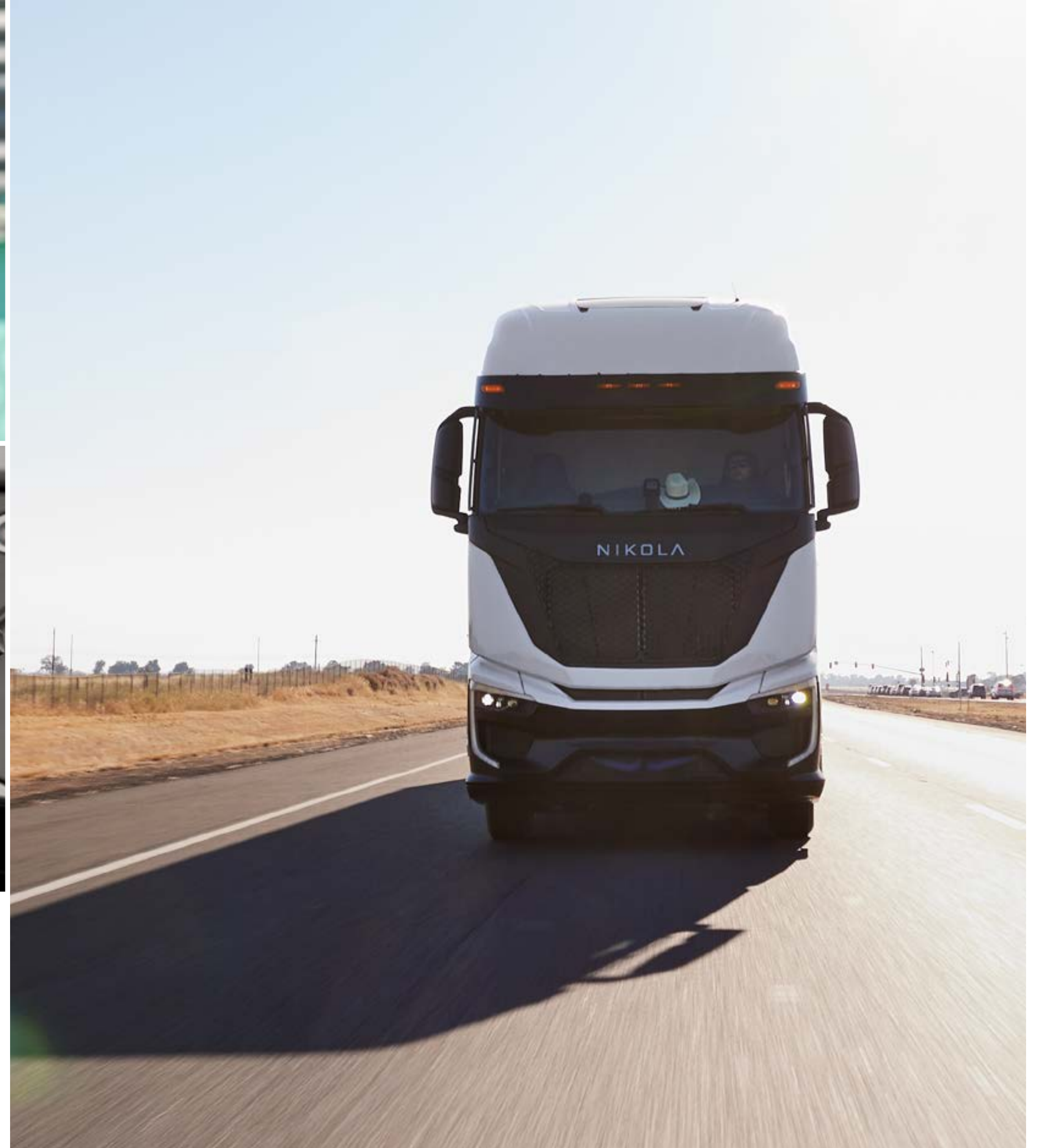
▶ 1 NIKOLA
TRUCK

AVOIDS:

106 METRIC TONS
OF CO₂ PER YEAR



*Assumes replacement of one class 8 diesel truck with an avg. 6.0 MPG, 62,751 annual miles traveled. Uses 2022 U.S. EPA emission factors and specified averages published in 2020.



▶ FOLLOW NONE.

LEARN MORE

TRE FCEV

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DEALERS

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INCENTIVES

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