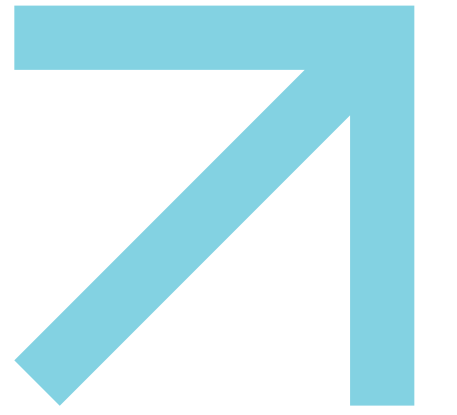


NIKOLA®



BATTERY-ELECTRIC
VS
HYDROGEN FUEL CELL
ELECTRIC SEMI TRUCKS

2 PLATFORMS | ZERO-EMISSIONS



TRE® BEV

THE BATTERY-POWERED
ELECTRIC CLASS 8 TRUCK

FOR SHORT-HAUL
METRO-REGIONAL APPLICATIONS

CONTINUOUS
REGIONAL

330mi

MAX
RANGE¹

90min

CHARGE TIME²
/REFUEL TIME³

645

CONTINUOUS
HP

0

TAILPIPE
EMISSIONS

REGIONAL +
EXTENDED RANGE

500mi

≤20min

536

0

TRE® FCEV

THE HYDROGEN-POWERED
ELECTRIC CLASS 8 TRUCK

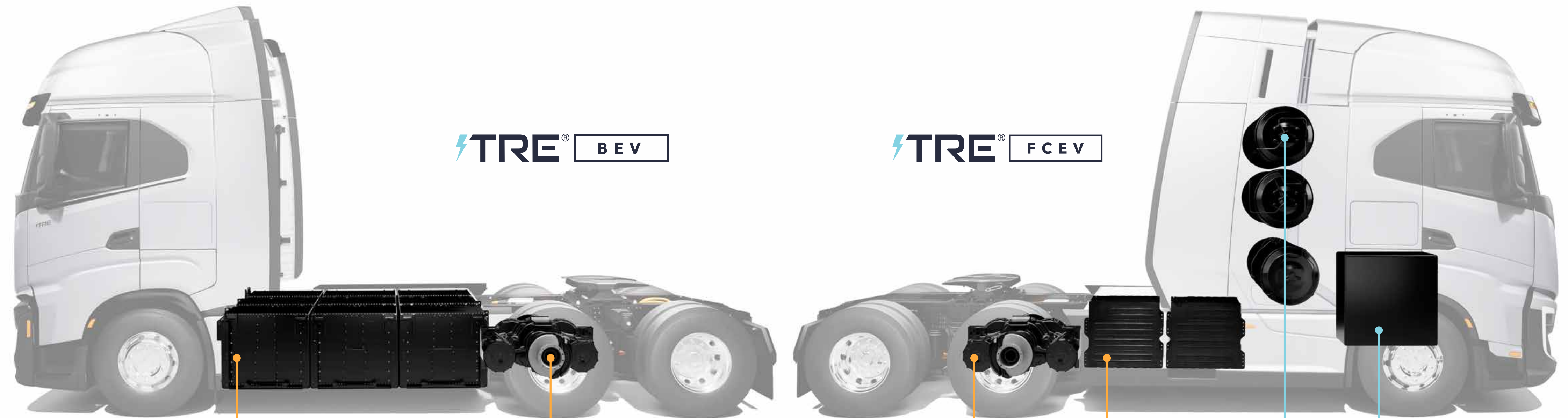
FOR LONGER OR CONTINUOUS
METRO-REGIONAL APPLICATIONS

¹ 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.

² 80% charge at 350kW

³ 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.

▶ SAME ELECTRIC MOTORS,
DIFFERENT APPLICATIONS



TRE[®] BEV

TRE[®] FCEV

BATTERY (9 PACK)

TOTAL CAPACITY	733 kWh
CONTINUOUS POWER	645 HP
INSTANTANEOUS POWER	1,069 HP

eAXLE

eAXLE GEAR RATIO	21.6
CONTINUOUS WHEEL TORQUE	12,500 FT-LBS

BATTERY (2 PACK)

TOTAL CAPACITY	164 kWh
CONTINUOUS POWER	536 HP
INSTANTANEOUS POWER	773 HP

HYDROGEN TANKS

STORAGE CAPACITY	70 kg
STORAGE PRESSURE	10.0 PSI/700 bar
BACKPACK TANKS	3
SIDE SADDLE TANKS	2

HYDROGEN FUEL CELL

FUEL CELL POWER MODULE	200 kW
MANUFACTURER	BOSCH

▾ FLEXIBLE INFRASTRUCTURE

MOBILE POWER SOLUTIONS



BATTERY-ELECTRIC
MOBILE CHARGING OPTIONS



MOBILE CHARGING
TRAILER (MCT)



SINGLE
eSKID CHARGER



DUAL
eSKID CHARGER



HYDROGEN-ELECTRIC
MOBILE FUELING OPTIONS



HYDROGEN MOBILE
FUELER



HYDROGEN TUBE
STORAGE TRAILER



HYDROGEN
TRANSPORT TRAILER



ONE INCENTIVE PROGRAM, TWO VEHICLE PLATFORMS.

The Nikola Tre battery-electric vehicle (BEV) and Tre fuel-cell electric vehicle (FCEV) are both eligible for HVIP vouchers, making Nikola the first manufacturer to offer both battery and hydrogen-powered Class 8 trucks available through this incentive program.

Customers of a Nikola Class 8 truck can access a point-of-sale incentive up to \$150,000 per BEV and up to \$288,000 per FCEV in 2023. The Tre FCEV is available for order now, with delivery expected in the second half of 2023.

CONNECT WITH US

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www.nikolamotor.com/dealers

INCENTIVES

www.nikolamotor.com/incentives

TRE FCEV

www.nikolamotor.com/tre-fcev

TRE BEV

www.nikolamotor.com/tre-bev

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