



UNMATCHED PERFORMANCE

Best acceleration, greatest horsepower, highest MPGe

LONGEST RANGE

Up to 329 miles* on a single charge

GREATEST SAVINGS

Lowest operating costs, zero emissions



ZX5

220 kWh energy on board 91-125 miles operating range* 2.8 hrs charge time** **ZX5+**

440 kWh energy on board 154-240 miles operating range* 2.8 hrs charge time**



660 kWh energy on board 205-329 miles operating range* 2.9 hrs charge time** BUILT TO BE ELECTRIC FROM THE INSIDE OUT

Designed from the start as an exclusively electric vehicle, everything about a Proterra® ZX5 bus is built with safety, efficiency, and a smooth ride in mind. The ZX5 vehicle delivers exceptional route flexibility and proven operational peformance, with the greatest range of any zero-emission, battery-electric bus in its class.

ADVANCED DESIGN

Made with an advanced composite body, the ZX5 vehicle is designed to safely and quietly endure nearly two decades of on-road service, with minimal maintenance required.

- Bus body made of carbon-fiber-reinforced composite materials
- Lighter than steel counterparts, enabling the highest battery capacity
- Extremely durable composite is corrosion-resistant, easy to repair, and non-conductive
- Maximizes vehicle life while minimizing repairs and maintenance
- Rigorously tested and 3rd-party validated



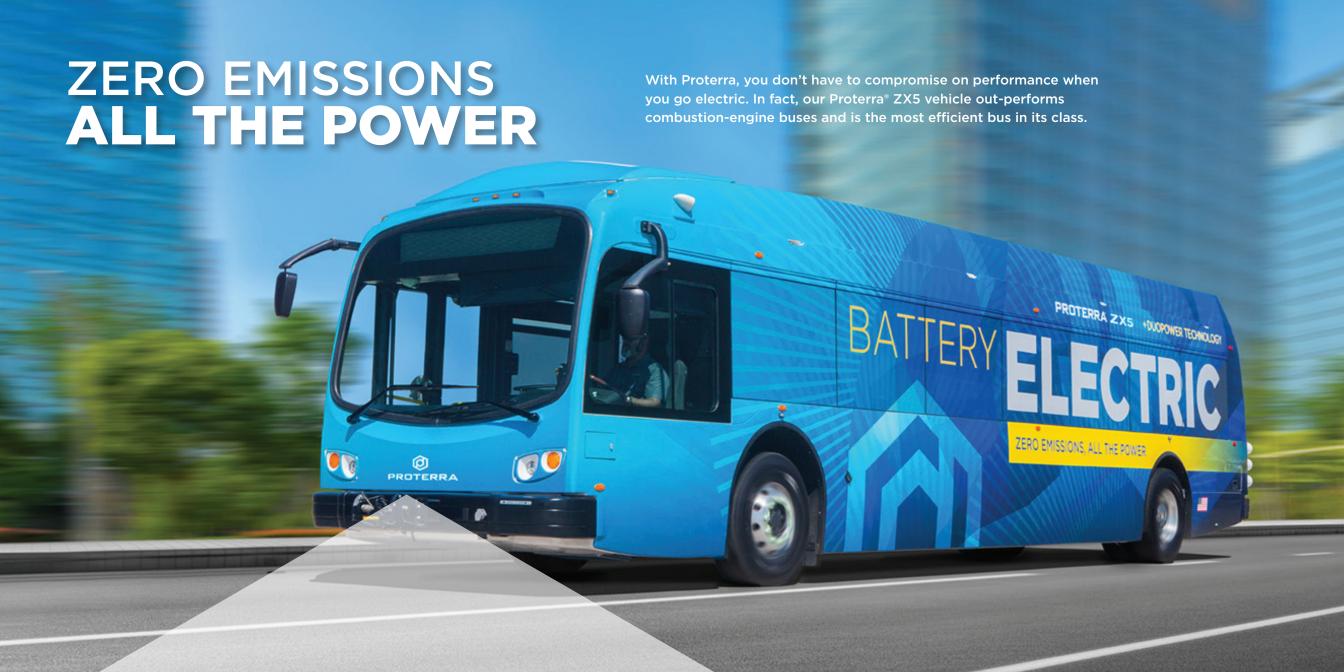


The innovative design of the Proterra® ZX5 vehicle enables us to have the most battery capacity on board for maximum range. The purpose-built design also allows for the best placement of battery packs, underneath and outside of the passenger compartment and creating a lower center of gravity for the greatest stability and safety.

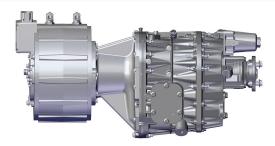
PROTERRA® BATTERIES: SMART, TOUGH, RELIABLE

Designed from the cell level up for heavy-duty transit usage,
Proterra batteries have a ruggedized, commercial-grade
housing to withstand harsh environments. Sensors throughout
each pack enable continuous monitoring for faster diagnostics
and service, while active thermal management software ensures
optimal operation in any climate.

Built in Proterra's Silicon Valley battery manufacturing facility by the best minds in battery engineering, Proterra battery systems are designed to be compact, safe and powerful.



THE **PRODRIVE** DRIVETRAIN

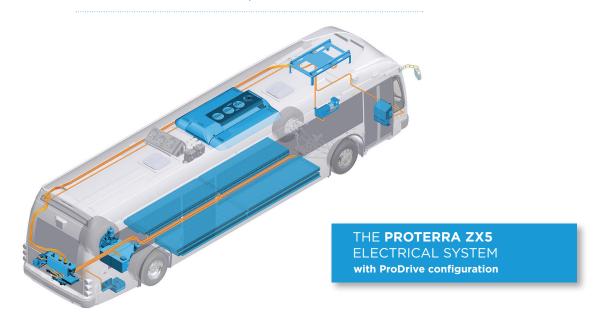


The ProDrive drivetrain, the standard option for the Proterra® ZX5 vehicle, offers superb performance and efficiency, enabling up to 22 miles per gallon equivalency (MPGe). That's five times more fuel-efficient than a standard diesel bus.

THE **DUOPOWER™** DRIVETRAIN



Communities with more demanding conditions and tougher terrain may opt for the DuoPower™ drivetrain, which provides unparalleled performance and up to 25 MPGe. Featuring two electric motors, this drivetrain can accelerate the ZX5 1.5 times faster than a standard diesel bus, with nearly twice the horsepower, enabling industry-leading hill climb capabilities.



FASTEST ACCELERATION

1.5 times faster than a standard diesel bus

5X MORE EFFICIENT THAN A DIESEL BUS

Up to 25 MPGe

GREATEST HORSEPOWER

Nearly twice as powerful as a standard diesel bus, able to tackle steep hills with grades up to 27%, with a full seated load weight

NORTH AMERICA'S **ELECTRIC BUS**















































































































































































































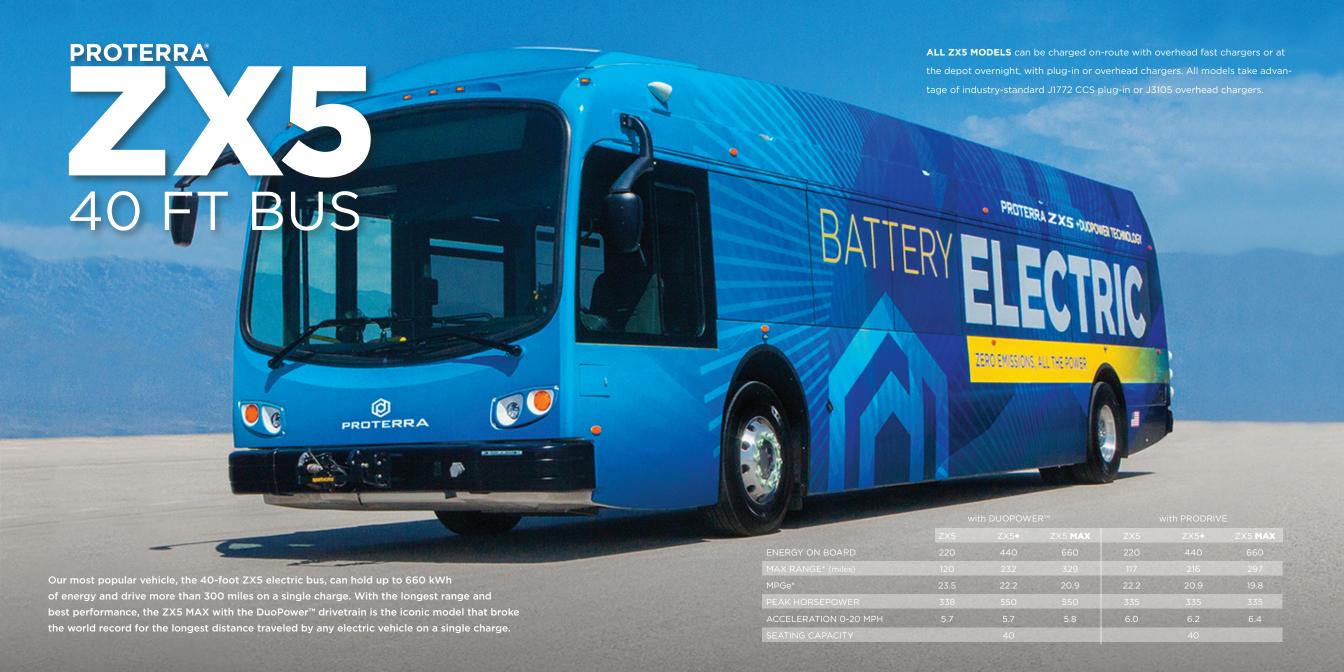












35 FT BUS

Available in both the ZX5 and ZX5+ series, this model can carry up to 440 kWh of battery storage capacity, reach a maximum range of 240 miles and an operating efficiency of 25 MPGe.

 with DUOPOWER™
 with PRODRIVE

 ZX5
 ZX5+
 ZX5
 ZX5+

 ENERGY ON BOARD
 220
 440
 220
 440

 MAX RANGE* (miles)
 125
 240
 124
 227

 MPGe*
 25.1
 23.5
 23.5
 22.2

 PEAK HORSEPOWER
 338
 550
 335
 335

 ACCELERATION 0-20 MPH
 5.6
 5.7
 5.9
 6.1

 SEATING CAPACITY
 29
 29

 Operating range and efficiencies approximated from simulations based on Altoona testing results at SLW, and will vary with route conditions, weather, vehicle configuration and driver behavior

REQUEST A ROUTE ANALYSIS

Experts on the Proterra team perform detailed route simulations and total cost of ownership analyses to help you match the on-board energy storage, drivetrain and charging configurations to your route requirements, total daily mileage and layover options. Get in touch with us to request your route analysis and find out which ZX5 vehicle is best for your transit needs.

proterra.com/contact

BANK ON THE SAVINGS

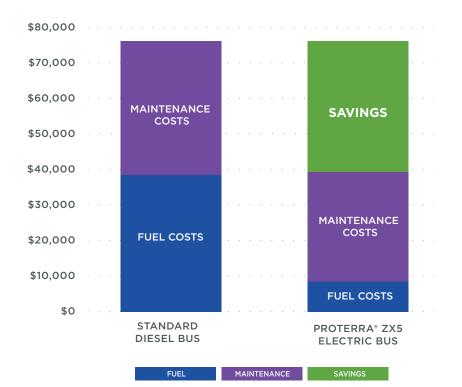
Proterra® ZX5 vehicles aren't just clean and quiet. They're also far more economical than conventional transit vehicles. Imagine not having to maintain an engine, with its fuel system, cooling system or exhaust system. With Proterra, all that effort and expense is a thing of the past.

Thanks to lower maintenance costs, the stable cost of electricity, and exceptional fuel economy, Proterra customers can save more than \$400,000 in operating costs over the lifetime of each vehicle.



LOWER OPERATING COSTS

Save up to \$400K per bus over a 12-year lifetime vs. diesel vehicle



SIMPLIFY THE SHIFT WITH FINANCING

Proterra can help you make the shift from fossil fuels to zero-emission electric buses with a variety of financing and funding options. We'll work with you to identify the grant, loan or financing program that best meets your budget needs.

OPERATING
COST SAVINGS
ENABLE LEASE
FINANCING:

Example battery lease financing model.

SAVINGS

ZERO TAILPIPE EMISSIONS

BATTERY LEASE

MAINTENANCE COSTS

FUEL COSTS

PROTERRA

MUNICIPAL CAPITAL LEASE

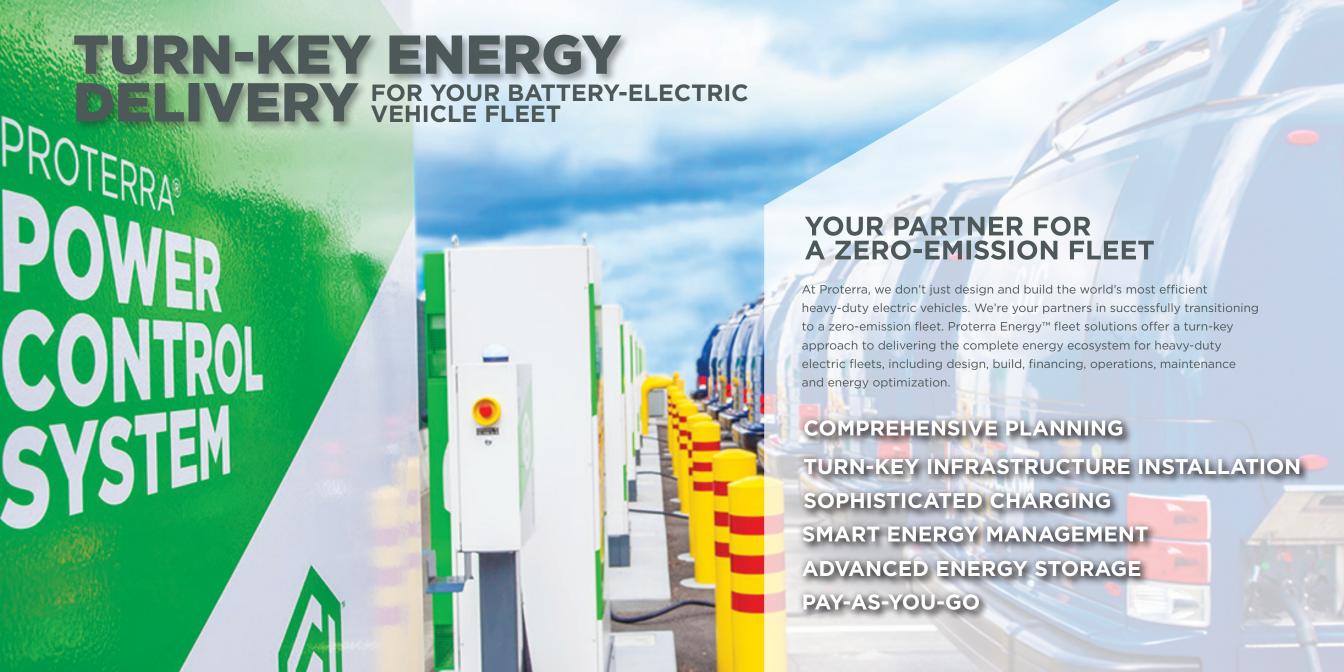
A generally low-cost financing tool for local governments with investment-grade credits. Offers structured ownership that enables you to own a Proterra* bus at the end of the lease term.

OPERATING LEASE

Operating leases allow you to pay for the use of a bus over time, with the option to permanently transition the bus into your fleet.

BATTERY LEASE

A battery lease enables you to buy a ZX5 bus for roughly the same price as a diesel bus, putting the operating savings toward the battery lease. Proterra is responsible for the performance of the batteries through the life of the lease, removing operator risk.





With the Proterra APEX™ Connected Vehicle Intelligence System, you can access cloud-based data that gives you historical and real-time performance information about your battery-electric vehicle fleet, to optimize your bus and charging operations and reduce costs.

Vehicle monitoring | Remote diagnostics | Preventative maintenance | Charger management

PROTERRA®

Connected Vehicle Intelligence System



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