




JOULEY®

Thomas
BUILT BUSES®

POWERING THE FUTURE



Partners in possibility.

Thomas Built Buses has been moving the industry forward for more than 100 years. Now we're driving it in a whole new way with the Saf-T-Liner® C2 Jouley® electric bus.

Jouley has everything customers love about the Saf-T-Liner C2 bus. Industry-leading visibility. Low instrument panel. A-pillar windows. A driver-friendly environment. With Proterra's proven battery and drivetrain technologies, we're taking that legacy of excellence further.

Welcome to zero emissions. Welcome to sustainable solutions. Welcome to the new frontier of possibility.

BUILDING TOMORROW.

Great things happen when greatness comes together. Jouley is designed and manufactured in High Point, North Carolina by Thomas Built Buses, the leading school bus manufacturer in North America. Jouley rides on a chassis manufactured by the renowned Freightliner Custom Chassis Corporation (FCCC) in Gaffney, South Carolina. Jouley is powered by a battery and electric drivetrain from Proterra. Together these teams deliver manufacturing expertise, production efficiencies and unparalleled quality. Translation: everything you're looking for.

Designed by an engineering team with deep automotive expertise in ground-up EV design and platform adaptation, Proterra batteries check all the boxes:



SAFE

- Designed specifically for safe operation in heavy-duty transportation
- Enclosed in ballistic-grade materials that can withstand the toughest conditions
- Rigorously tested and third-party validated



SMART

- Liquid-cooled to ensure optimal operation in any climate
- Continuously monitored by multiple sensors
- Dynamically adjust over time for maximum performance



EFFICIENT

- Highest efficiency for maximum range
- Compact design for industry-leading energy density
- DC charging yields a full charge in approximately two to three hours depending on dispenser capabilities



PROVEN

- Record-breaking range for heavy-duty vehicles
- Efficient, smart, safe drivetrain technology for optimal performance in any climate

Zero emissions. Endless possibilities.

When it comes to transportation, green is in—and for good reason. Electric vehicles offer zero tailpipe emissions, lower operating costs, easier maintenance, a quieter ride and more. These benefits have inspired widespread industry adoption, with more cities moving toward battery-electric transit. And barriers for implementation have fallen by the wayside as battery range increases, prices decrease and funding opportunities roll in.

With Jouley, school districts can count on:

- **SAVING MONEY** – Fuel costs are lower because electricity costs are more stable.
- **BETTER PERFORMANCE** – Electric motors have fewer moving parts, no liquid fuels, and no engine oil changes, making maintenance simpler and less expensive.
- **ZERO EMISSIONS AT THE TAILPIPE** – 100% battery-electric reduces the emission of harmful gases into the atmosphere, reduces exposure to emissions, improves air quality, and offers health benefits for students and the community.
- **QUIETER RIDE** – No engine means no rattling or loud noises from under the hood, allowing drivers to focus and reducing noise pollution in your community.
- **MAXIMUM RANGE** – Regenerative power modes add kinetic energy back to the battery when the bus decelerates to enhance range. And with low daily mileage, predictable, planned routes and midday downtime, you don't have to worry about vehicle range.
- **PROVEN PERFORMANCE** – Proterra drivetrains deliver unparalleled performance and greater fuel economy.
- **V2G CAPABILITIES** – Jouley has the potential to be used as a stationary energy storage system, with applications such as charging during off-peak hours and putting energy back on the grid during peak hours when needed by utilities.



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Helping you navigate the path to EV implementation.

The route to EVs is complex, especially when it comes to infrastructure.

The good news: Thomas Built Buses is the Electric Bus Authority. Our team of EV specialists has the experience, expertise and partnerships to help you navigate the route to electric bus implementation.

With the Jouley electric school bus, best charging strategy, turn-key infrastructure installation and our expertise, we provide a comprehensive solution to electrify your school bus fleet. Our consulting team has experienced engineering and project management experts who work with schools to design and implement the best infrastructure installation for their depot, managing the whole process from start to finish and providing a scalable, ready-to-roll solution.



Ready? Let's go.

VEHICLE SPECIFICATIONS

TOTAL ENERGY (kWh)	246
OPERATING EFFICIENCY*	kWh/mile - 1.474 MPGe – 24.6
RANGE*	Up to 150 – Operating range in miles (usable energy***/efficiency)
TOP SPEED	65
ACCELERATION	49
HORSEPOWER	295 peak, 170 continuous
MOTOR	Proterra ProDrive drivetrain; single permanent magnet drive motor
TRANSMISSION GEARBOX	Proterra 2-speed auto shift EV gearbox
BATTERY THERMAL MANAGEMENT SYSTEM	Liquid cooled
BATTERY PACK ENCLOSURE	Ruggedized 10mm thick aluminum
BRAKING SYSTEM	2 regenerative power modes; air brakes
STARTABILITY	19% grade

CHARGING SPECIFICATIONS

TYPE	Plug-in, DC fast charging
STANDARD	J1772 CCS Type 1
CHARGE POWER	Up to 90 kW
CHARGING TIME (EMPTY TO FULL)	Approximately 3 hours with 60 kW charger. Approximately 2 hours with 90 kW charger

WARRANTY

BATTERY CAPACITY	8 years / 175,000 miles / 200,000 kWh of gross discharge throughout per pack
BATTERY MATERIALS & WORKMANSHIP	8 years / 175,000 miles
DRIVETRAIN	5 years / 100,000 miles

* will vary with route conditions, weather, vehicle configuration and driver behavior.

**vehicle efficiency estimate

***all vehicle batteries must be limited to usable capacity to decrease degradation and optimize longevity.

To start your electric school bus journey,
visit [ThomasBuiltBuses.com/Electric](https://www.thomasbuiltbuses.com/Electric). We'll be with you, every mile of the way.



Daimler Truck Financial

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