



BECAUSE EVERY MILE MATTERS <sup>SM</sup>



# AN INNOVATIVE, INTEGRATED ePOWERTRAIN

Designed for enhanced performance  
and power efficiency

At the heart of Jouley® Gen 2 is the 14Xe eAxle by Accelera™. The eAxle delivers high efficiency, dynamic driving performance and a streamlined design that's built to require less maintenance, making our latest electric school bus intelligently engineered and ready to lead its class.

## **An integrated ePowertrain for greater efficiency**

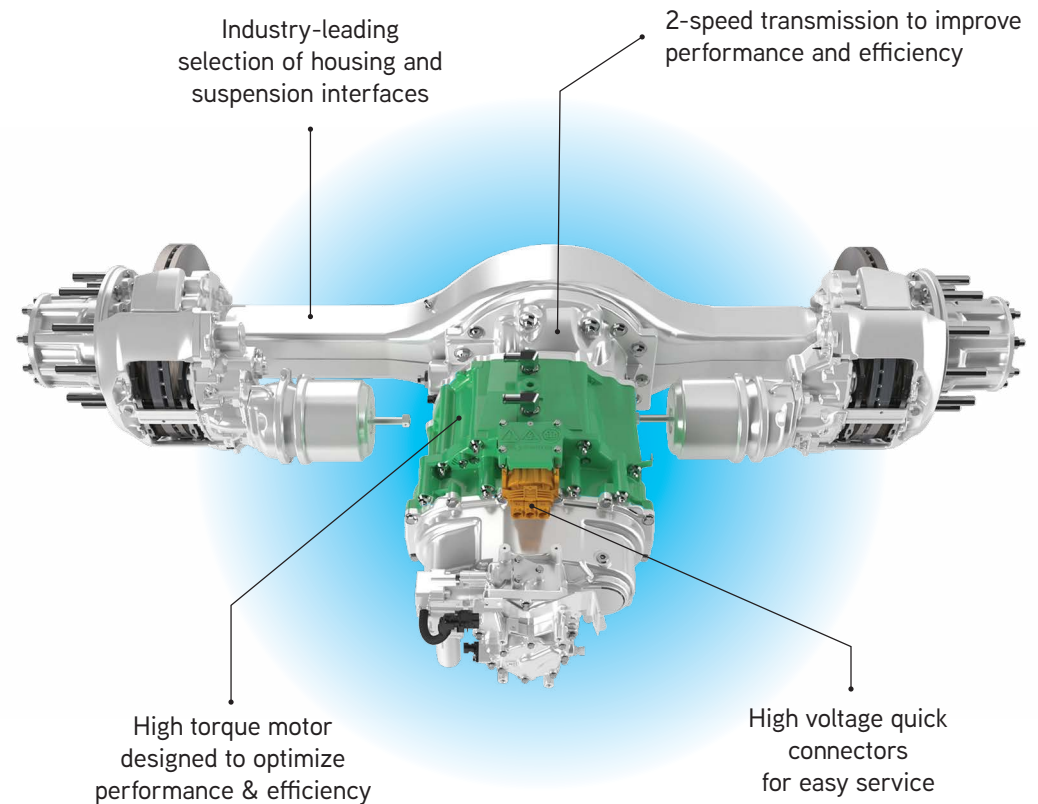
The 14Xe eAxle combines the motor, gearbox and power electronics into a single, compact unit, which reduces the weight of the drivetrain and improves vehicle efficiency.

## **A superior driving experience**

Jouley® Gen 2's eAxle delivers power directly to the wheels, improving torque response, acceleration and maneuverability for a smoother, more dynamic driving experience.

## **Fewer components for more uptime and easier maintenance**

With fewer mechanical parts than traditional drivetrains, the Accelera™ eAxle is designed to require less frequent maintenance, reducing overall service costs. Plus, since all of its components are centralized in one location, it's easier for maintenance technicians to service.





# DOUBLE THE BATTERY VOLTAGE

The power behind the 14Xe eAxle:  
A new, 800-volt battery system

## Powerful performance

Increased battery voltage and an efficient eAxle work in concert to provide powerful, dynamic driving performance, including improved startability with a fully loaded bus and better gradeability for maneuvering on steep inclines.

| Jouley® Gen 2           |                                          |
|-------------------------|------------------------------------------|
| Acceleration (0-60mph)  | 45 seconds                               |
| Max speed               | 45-75 (configurable in 5-mph increments) |
| Gradeability (6% grade) | 30 mph                                   |
| Startability            | 28% grade                                |
| High-voltage battery    | 800 volts                                |
| Range (estimated)       | 150 miles                                |

## Versatility for any fleet

Equipped with the 800-volt battery and the eAxle, Jouley® Gen 2 can support the addition of more components without impacting driving performance, ensuring reliable and efficient operation under all conditions.



# EASY SERVICEABILITY

Listening to customer feedback to make maintenance even simpler.

Jouley® Gen 2 incorporates several vehicle design enhancements that improve technicians' access to electrical components under the bus hood.

## Easier access to the high-voltage junction box

The body heating loop coolant surge tank has been moved to the left side of the bus. This allows technicians clear access to the high-voltage junction box (HVJB), which contains all high-voltage relays, fuses and resistors for the vehicle.

## Direct access to electrical components from inside the cab

A new 12-inch x 12-inch floor panel inside the cab provides direct access to the electrical connectors behind the high-voltage junction box and the battery packs between the frame rails.



# NEW 219" WHEELBASE

A familiar electric school bus, now in a more versatile size.

The Accelera™ 14Xe eAxe, along with the elimination of the driveshaft, enables Jouley® Gen 2 to have a 219-inch wheelbase (up to a 60-seat capacity). A bus with a shorter wheelbase is easy to maneuver in tight spaces, plus it allows for efficient route planning and a spacious fit inside service bays.



# A MODERN DIGITAL DASH

A new LCD instrument cluster elevates the driving experience and simplifies service.

The redesigned LCD screen provides drivers with clear information about vehicle operation and safety, so they're aware of what's going on inside the school bus. The detailed interface also facilitates quick diagnostics and maintenance for service technicians.



Daimler Truck Financial

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