

Allison Transmission Expands eGen Power e-Axle Portfolio to Address Wide Range of Vehicle Applications and Markets

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Allison's eGen Power 100S to Serve Medium and Tandem-Axle Heavy-Duty Vehicles while 130D Serves Outside North America Markets

INDIANAPOLIS--(BUSINESS WIRE)--Aug. 31, 2021-- Allison Transmission, a leading designer and manufacturer of conventional, electric hybrid and fully electric vehicle propulsion solutions, announces the addition of its eGen Power 100S and 130D e-Axles to its fully electric portfolio of propulsion solutions at ACT Expo in Long Beach, Cal.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20210831006034/en/>



Allison Transmission announces the addition of its eGen Power 100S e-Axle to its fully electric portfolio of propulsion solutions. (Graphic: Business Wire)

and Service for Allison Transmission. "Thus we are currently and will continue to expand our family of electric axles."

Allison first launched its eGen Power 100D in 2020 and has since spent time stringently validating and where necessary refining the e-Axle with most of the major OEMs in North America. This e-Axle features two electric motors, each capable of generating greater than 200 kilowatts of continuous power, with peak combined power of 648 kilowatts.

The eGen Power 100D also integrates a two-speed gearbox within the central housing, enabling the high torque required to get heavy loads moving, while also offering the benefit of superior efficiency at cruise speed. The eGen Power 100D is capable of supporting up to a 10.4 tonne or 23,000 pound gross axle weight rating and also includes differential lock functionality.

Additionally, Allison has expanded its dual motor offerings to include the eGen Power 130D, a variant of the 100D, specifically designed for the European and Asia Pacific markets, where many commercial vehicles require a heavier 13 tonne gross axle weight rating. The eGen Power 130D maintains the same core components, performance, and differentiated value as the eGen Power 100D, including the power ratings previously mentioned for the 100D, but with increased axle weight rating capability.

In further expanding the eGen Power product portfolio, Allison also announces the first single motor variant in the eGen Power series of e-Axles, the eGen Power 100S. Leveraging core components from the eGen Power 100D such as the motor, inverter and shifting mechanism, the 100S offers exceptional performance characteristics in both 4x2 and 6x4 configurations. The 100S uses a single motor to generate 212 kilowatts of continuous power, with a peak power of 324 kilowatts, and 23,500 newton meters of torque at the wheels. The 100S offers a 10.4 tonne gross axle weight rating and features a two-speed parallel axis gear architecture, efficiently meeting application launch and highway cruise demands, while maximizing energy recovery through 100% regenerative braking capability. The 100S expands the eGen Power addressable market to include school bus, medium duty, and heavy duty tractor and straight truck 6x2 and 6x4 applications, including refuse.

Like the 100D and 130D dual motor e-Axles, the 100S is a platform architecture upon which further variants will be developed, is simple to install and easily integrates into existing truck chassis. The eGen Power e-Axle family are designed to be 100% maintenance-free for the life of the vehicle, significantly reducing downtime and enhancing eGen Power's total cost of ownership advantage.

For more information about Allison's electric propulsion solutions, visit [AllisonTransmission.com/ev-solutions](https://www.allisontransmission.com/ev-solutions).

About Allison Transmission

Allison Transmission (NYSE: ALSN) is a leading designer and manufacturer of vehicle propulsion solutions for commercial and defense vehicles, the largest global manufacturer of medium- and heavy-duty fully automatic transmissions, and a leader in electrified propulsion systems that Improve the Way the World Works. Allison products are used in a wide variety of applications, including on-highway trucks (distribution, refuse, construction, fire and emergency), buses (school, transit and coach), motorhomes, off-highway vehicles and equipment (energy, mining and construction applications) and defense vehicles (tactical wheeled and tracked). Founded in 1915, the company is headquartered in Indianapolis, Indiana, USA. With a presence in more than 150 countries, Allison has regional headquarters in the Netherlands, China and Brazil, manufacturing facilities in the USA, Hungary and India, as well as global engineering resources, including electrification engineering centers in Indianapolis, Indiana, Auburn Hills, Michigan and London in the United Kingdom. Allison also has more than 1,400 independent distributor and dealer locations worldwide. For more information, visit [allisontransmission.com](https://www.allisontransmission.com).

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