



General specifications

Class 6 Fuel Cell Electric Straight Truck - Powered by Hexagon Purus and Ballard

Hexagon Purus and Ballard Power Systems are proud to announce a new collaboration to produce a **Class 6 Fuel Cell Electric Straight Truck***, powered by Hexagon Purus and Ballard.

With **over 400 miles of range** and refueling times comparable to conventional trucks, this truck provides a zero-emissions solution for fleet owners with demanding operations, without the need to expand their fleet.

*Look for this truck to enter California’s Hybrid and Zero-Emission Truck and Bus Voucher Incentive Program (HVIP) eligible vehicle list in 2022, with first fleet deployments in and around the LA basin.



Ballard’s 8th generation of fuel cell module, the FCmove™, provides a zero-emissions electric power source, with the reliability of over four decades of experience and over 50 million miles of on-the-road experience. Hexagon Purus’ lightweight Type 4 hydrogen storage systems, high energy density ProPack™ battery storage, and fully integrated electrified accessory systems deliver light, efficient and long range zero-emissions power for electrified commercial vehicles.

Item	Specification
GVWR	26,000 lbs. (Class 6) and up to 33,000 lbs. (Class 7)
Chassis	M2
Ground Clearance	>10"
Brakes	Air
HVAC Systems	Electric heating and A/C
Drive System	Meritor Blue Horizon™ 14Xe
Battery Capacity	220 kWh to 440 kWh
Fuel Capacity	36 kg, 700 bar
Fuel Cell Power	70 kW FCmove™ HD
Drive Power	250 kW (335 hp) Peak / 200 kW (268 hp) continuous
Torque	1100 Nm Peak
Driving Range	400 miles +
Maximum Speed	Programable > 70 MPH
Regenerative Braking	Yes, driver adjustable
Safety	Complies with all FMVSS requirements
Certification	Meets applicable federal & state standards