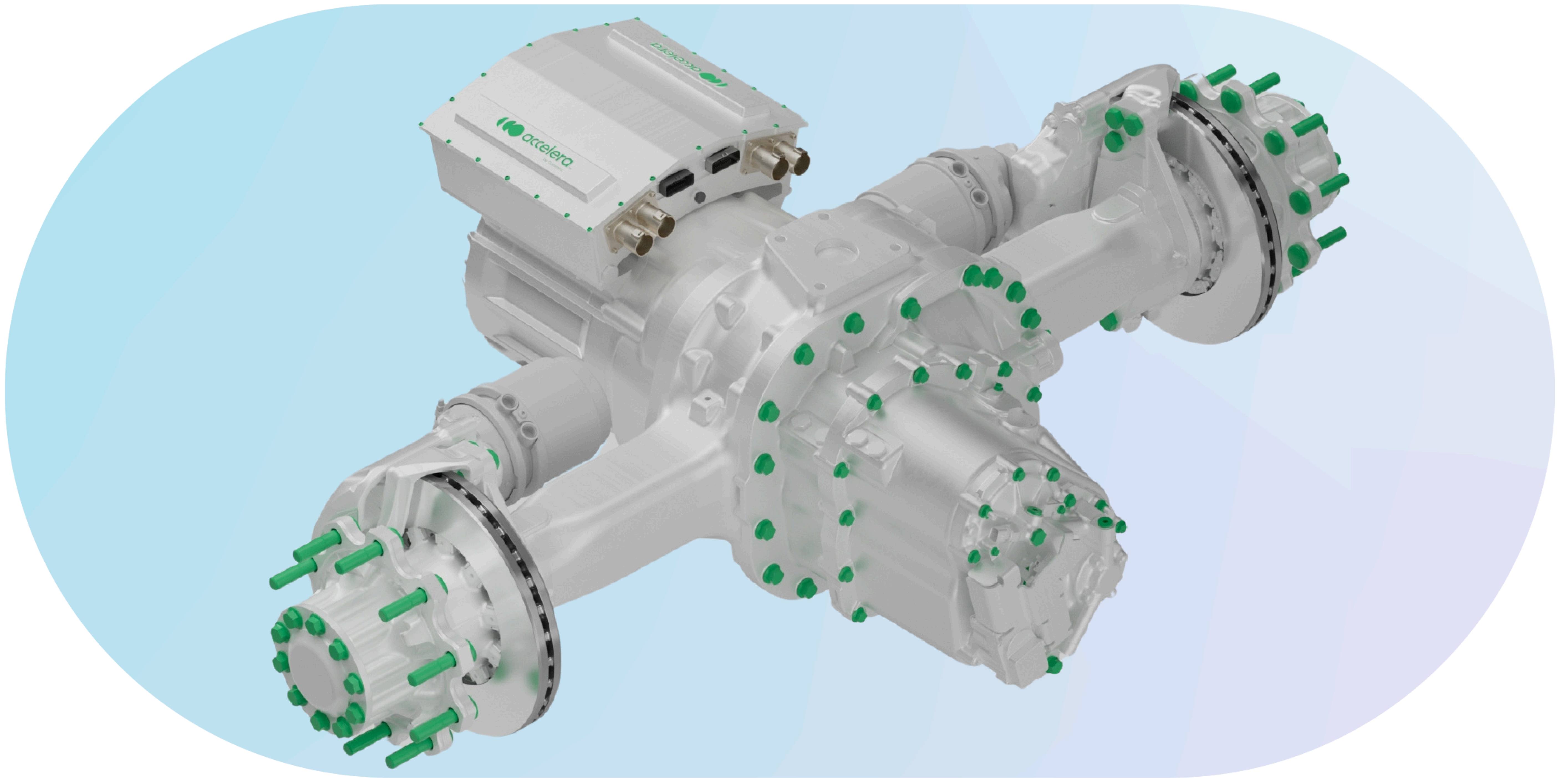


Traction System

17Xe eAxle

accelerate the shift™



Integrated 17Xe ePowertrain solution providing greater overall efficiency, high modularity and weight savings for increased payload or range in short wheelbase, heavy duty vehicles

Features



Integrated ePowertrain design into a single unit for packaging within heavy-duty battery electric or fuel cell electric vehicles:

- integral cast axle housing,
- Powerful PMS motor,
- integrated SiC inverter,
- integral multi-speed transmission
- eOptimized™ braking system

Maximizes system level efficiency and enables longer vehicle range by integrating motor, transmission and inverter into the axle, thereby freeing up space for more batteries.

Compact packaging for short-wheelbase trucks; integration into existing chassis with minimal to no modifications possible

Created for 6x2 or 4x2 heavy duty vehicle applications with up to 13t kg GAWR per axle

Designed for full regenerative braking
Lower noise emissions to meet with OEM NVH targets

Integrated Drive Electric Unit featuring vehicle-, transmission- and motor-controls

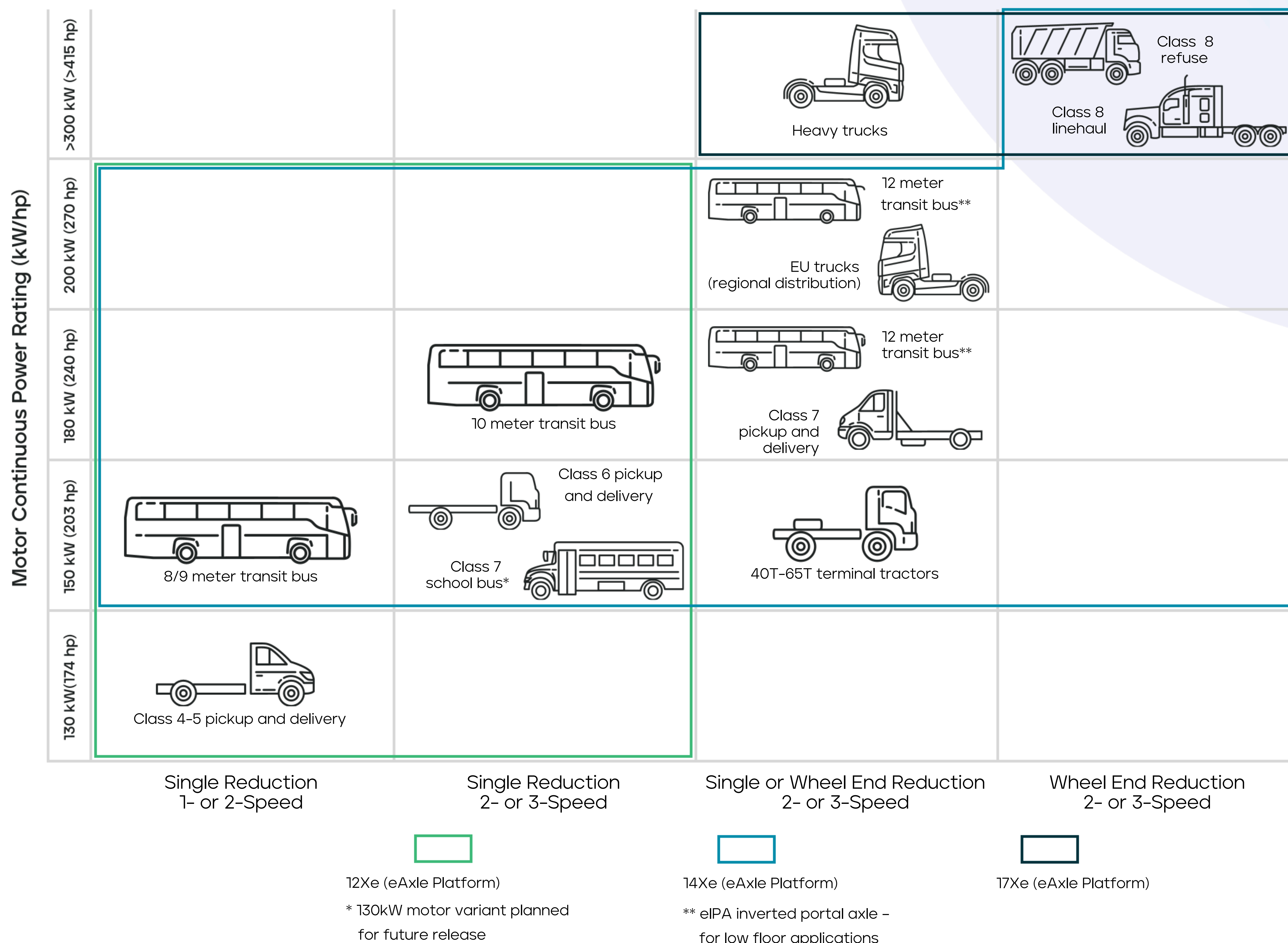
Specifications

Continuous Power Range	430 kW
Peak Torque	2000Nm
GAWR Range per Axle	up to 13000kg / 30.000 lbs
Applications	On-Highway Heavy Duty Trucks (up to 44T) in 4x2 or 6x2 configuration, vocational trucks, off-highway and construction vehicles
High Voltage Range	450 – 900V
Functional Safety Rating	ISO-26262 / ASIL-C
Ingress Protection	IP6K6K, IP6K8 and IP6K9K

* Future release ** Customizable GAWR could be investigated

Solutions for a wide range of applications.

Our deep understanding of customer needs enables us to create products that can do what needs to be done. No matter what class, segment or rating, Accelera helps you deliver more efficiently than ever.



We are Accelera
 And we're on a mission to transition the world's most economically critical industries to zero-emissions power.

Learn more at accelerazero.com