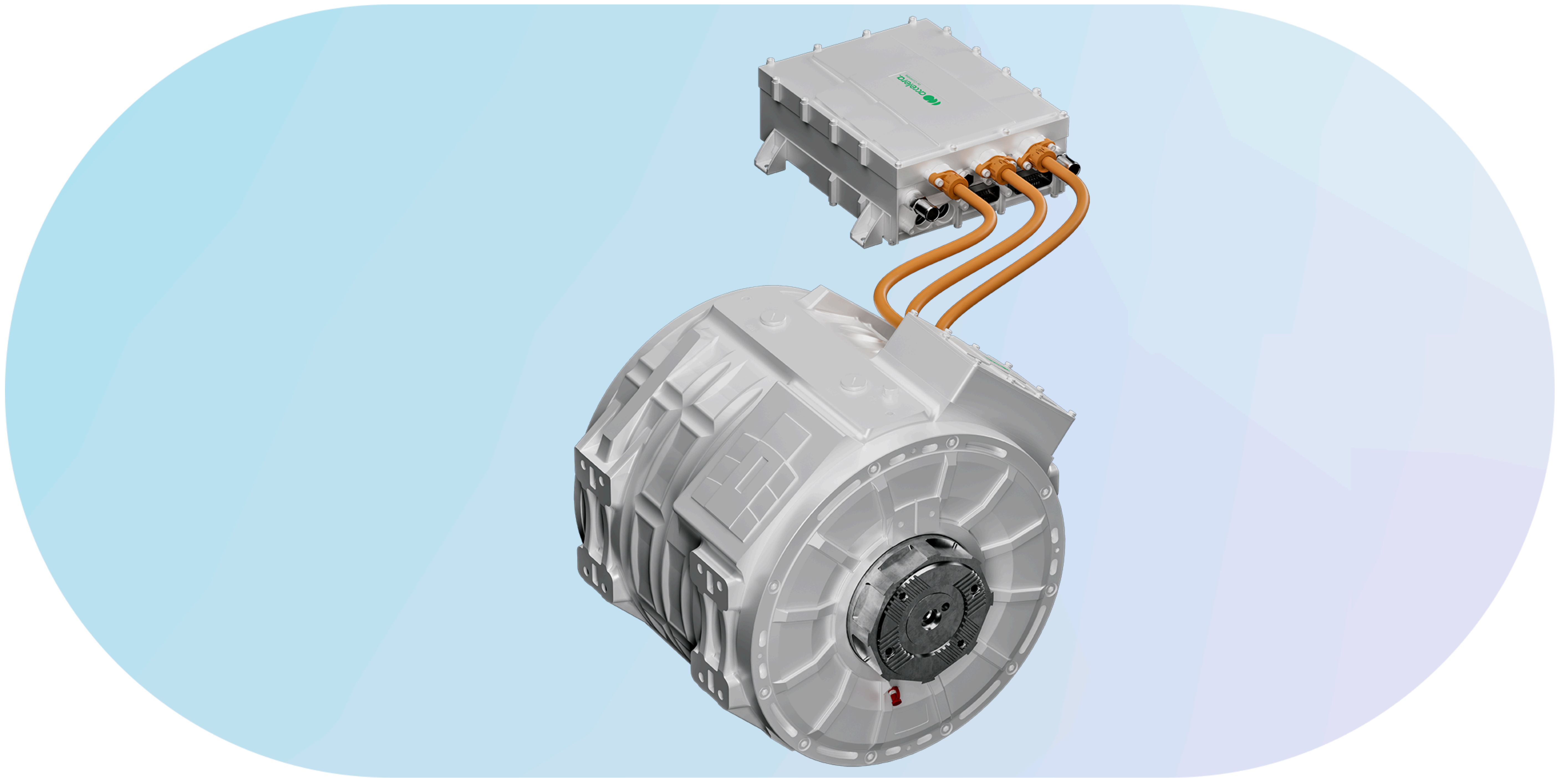


# Traction Systems

# NextGen TCS2016

accelerate the shift™



Let EV Performance become the driving pulse of our cities!

## Features



### Fast Pickup

Immediate torque with low rpm permanent magnet technology for direct drive applications

### Driving comfort

Smooth torque control with low noise vibration harmonics

### Increased range

Unmatched performance of 97% with continuous efficiency over a wide range of operations

### Robust

IP6K9K, IPX7, Standard Ingress Protection

### Heavy Duty built quality

Extended equipment lifetime & availability

### Modular Design

Scalability for high payload requirements

### Versatile in demanding applications

Suitable for Transit Bus, Medium Duty Trucks as well as Underground Mining and Off-Highway

### Global usage

Wide range of ambient operating conditions ranging from -40°C up to 85°C

## Interfaces



Voltage rating	up to 700 VDC
Power cont. / max	up to 230 kW / 310 kW
Torque	up to 3000 Nm
High efficiency	97% over wide range of operations
Protection class	IP6K9K, IPX7
Speed sensor	Resolver
Temperature sensor	PT1000
Cooling	Liquid cooling
Weight	Motor: 270kg, Inverter : 15 kg
Housing	Lightweight automotive grade aluminum

### 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.