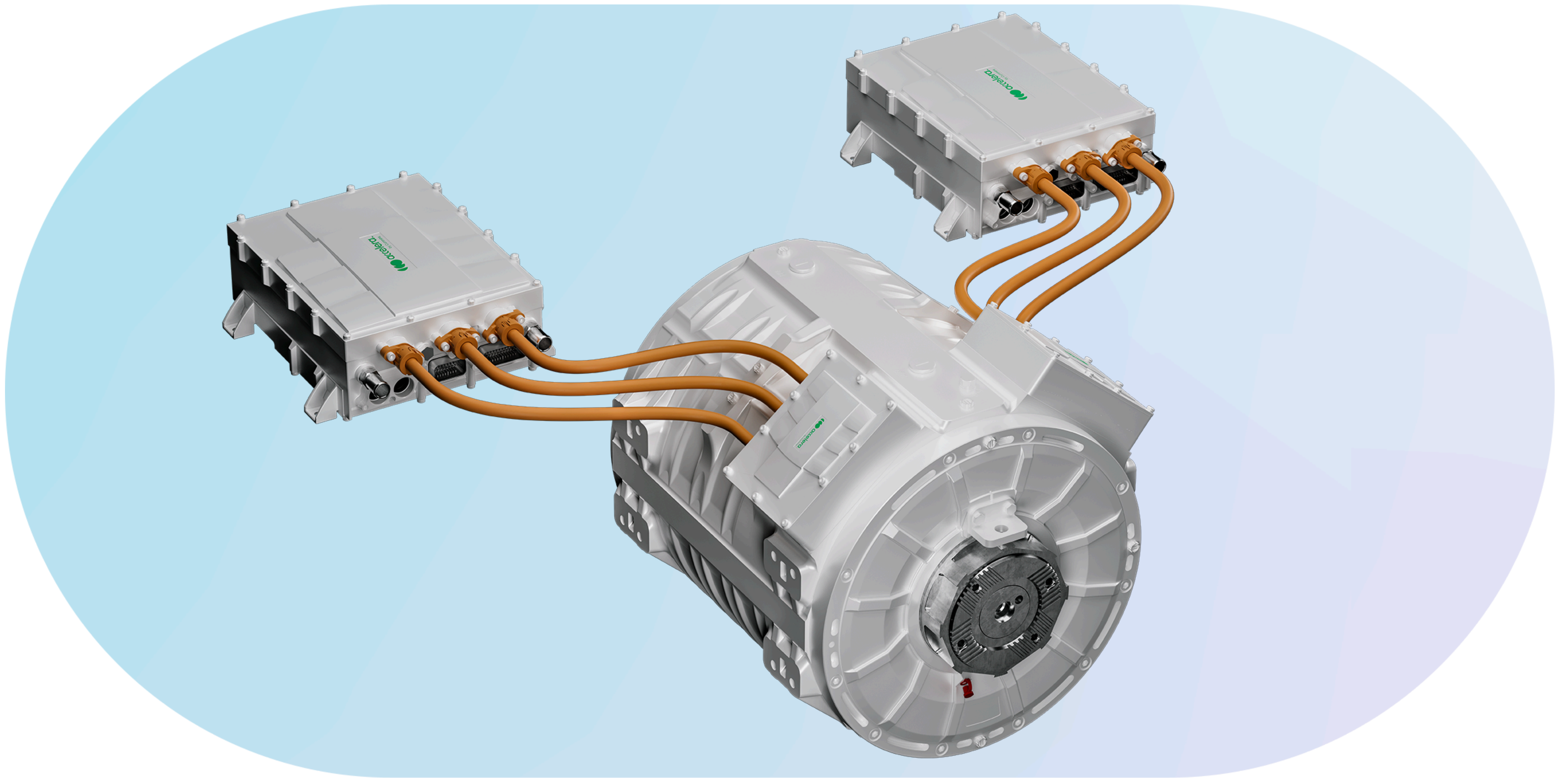


Traction Systems NextGen TCS2022

accelerate the shift™



Opening new doors for EV Performance

Features



Fast Pickup

Immediate torque with low rpm permanent magnet technology

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

Global usage

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

Compact power

Double winding motor using two remote ELFA 3 inverters in master-slave configuration

Interfaces



Voltage rating	Up to 700V
Power cont / max	330 kW / 550 kW
Torque	up to 4800 Nm
High efficiency	97% over wide range of operations
Protection class	IP6K9K, IPX7
Speed sensor	Resolver
Temperature sensor	PT1000
Cooling	Liquid cooling
Weight	Motor: 350 kg, Inverter (each) : 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.