

BYD eBus family in Europe



BYD eBUS **K7**



BYD eBUS **K9UD**



BYD eBUS **B11**



BYD eBUS **B13**



BYD eBUS **B15**



BYD eBUS **B18**



BYD eBUS **B19**

B12 – NEW 12 meter ebus from BYD



B12 – Highlights

Blade Battery integrated in chassis

Ultra-low consumption **0.65 kWh/km**

Range 600 km – fully charge



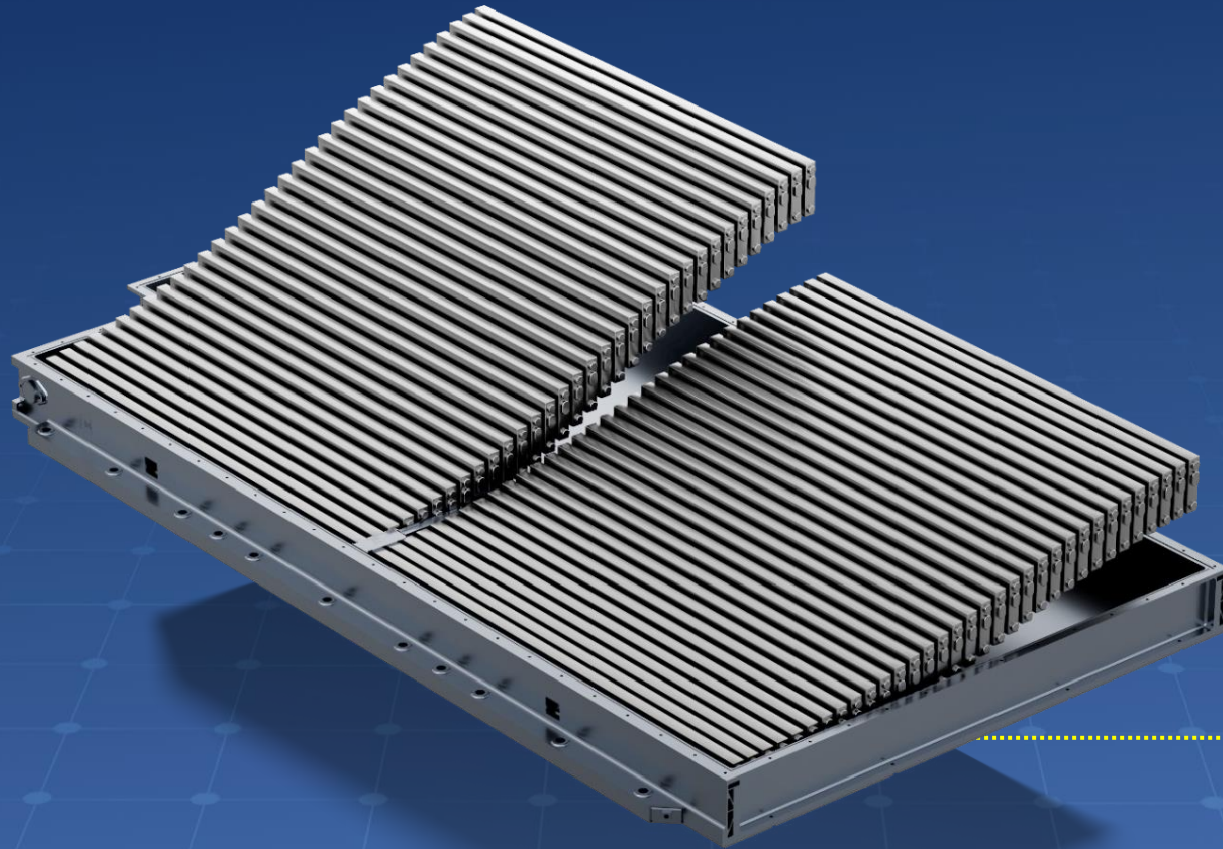
All-new interior design

Up to **105** passengers



Blade Battery

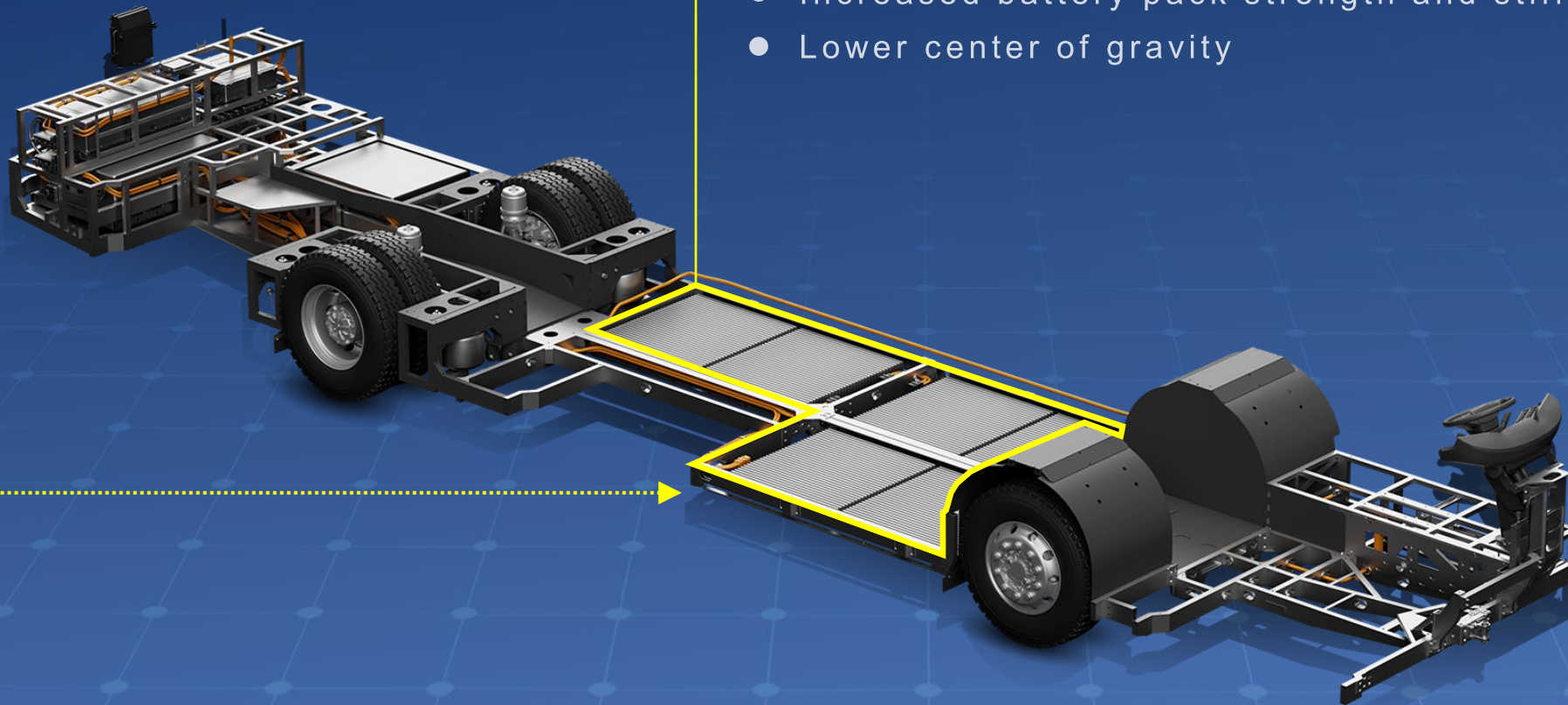
Enhanced safety | Optimised strength | Longer range | Longer lifecycle



Blade Battery in chassis

Blade Battery

- Innovative sandwich structure design
- Enhances battery integration efficiency
- Increased battery pack strength and stiffness
- Lower center of gravity

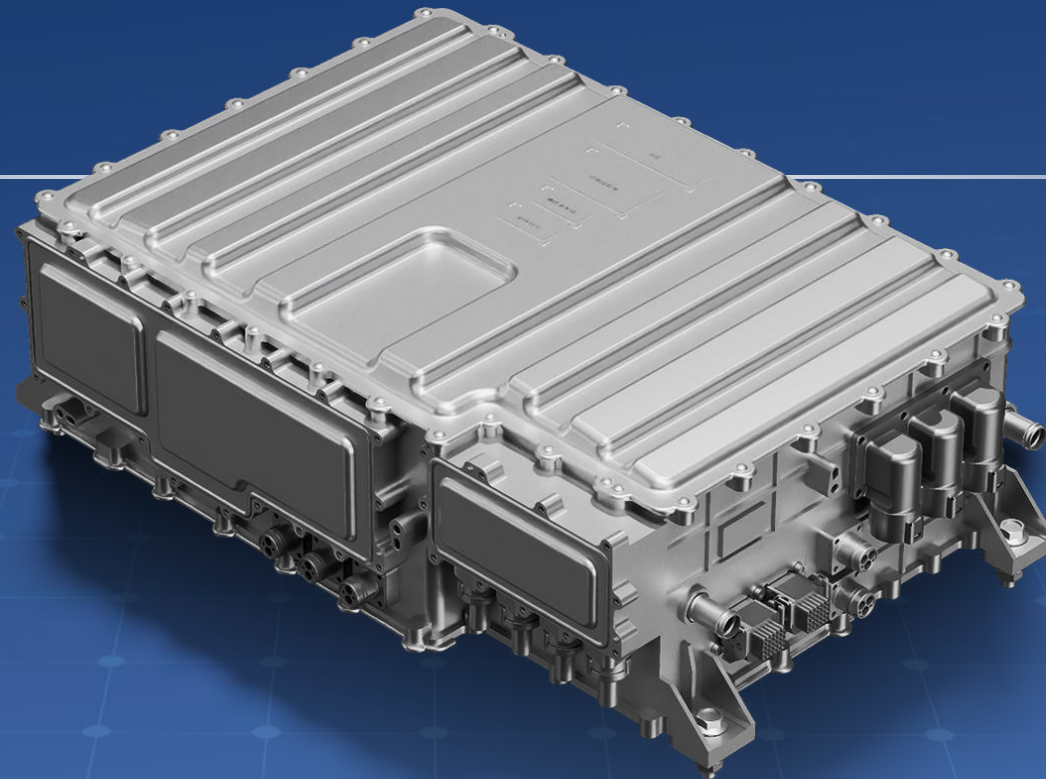


6-in-1 Controller with SiC

6 main electric components integrated in 1 compact module

2 electric motors control unit / 1 steering control unit / 1 air compressor controller
1 DC-DC converter / 1 power distributor unit

99.5%



Highest
efficiency

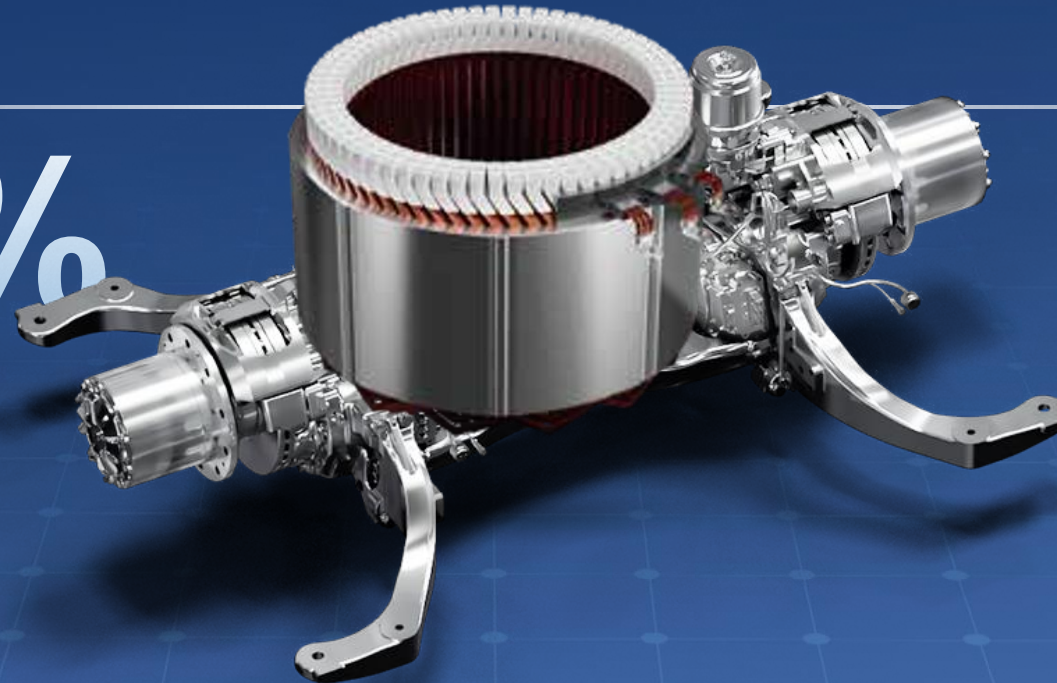
Hairpin Motors

Noise reduction **72 dB**

Weight reduction **10%**

Oil-free

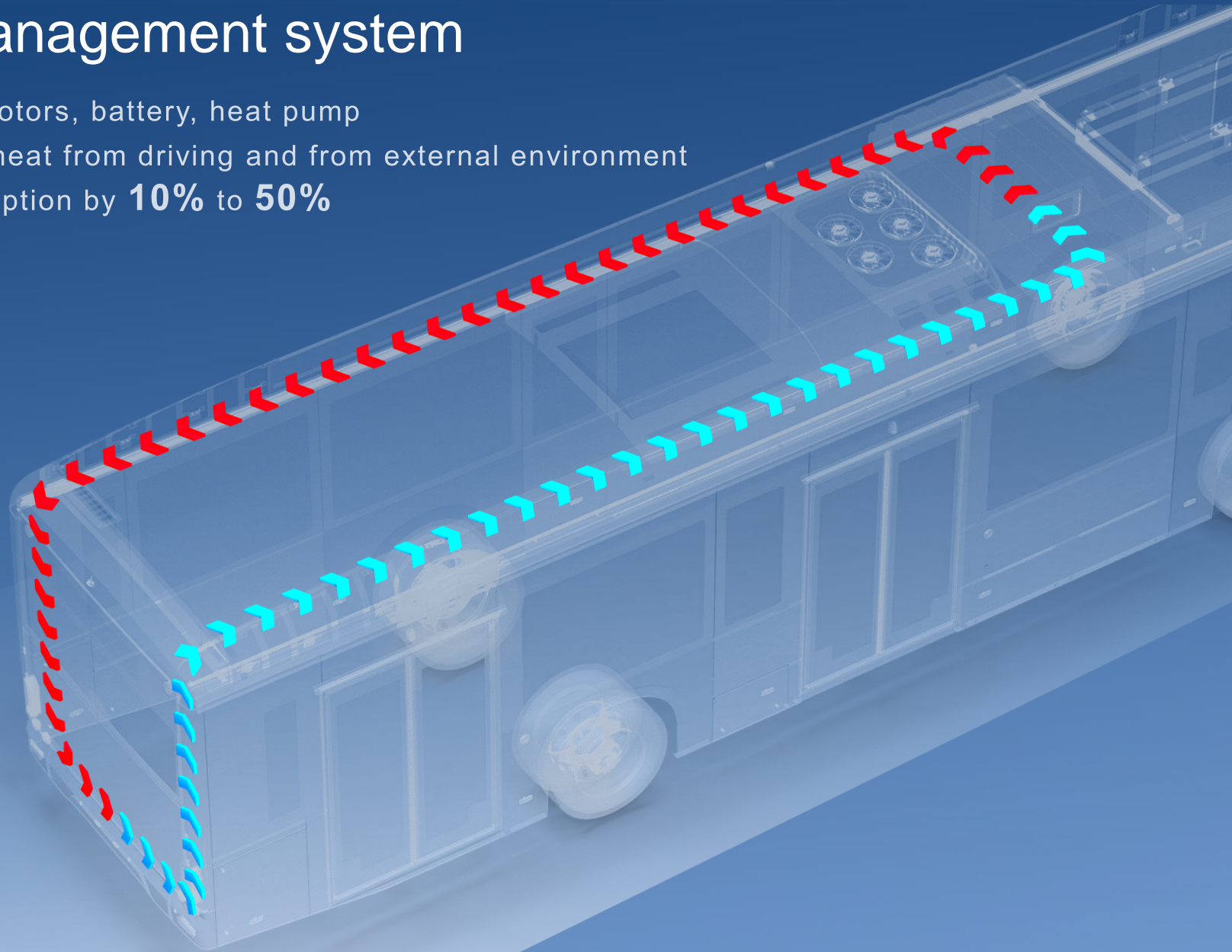
95.5%



**Operating
Efficiency**

Integrated thermal management system

- Integrates the cooling systems of motors, battery, heat pump
- Enables the recycling of the waste heat from driving and from external environment
- Reduction of overall energy consumption by **10% to 50%**
- Optional CO2 air conditioning



B12 - Maximum safety, standard

Ultra-safe BYD Blade Battery

Emergency braking system (AEBS)

Driver drowsiness and attention warning (DDAW)

Blind spot monitoring (BSM)

Lane departure warning system (LDWS)

Forward collision warning (FCW)

Headway monitoring & warning (HMW)

Pedestrian & cyclist collision warning (PCW)

Traffic-sign recognition (TSR)

Speed limit indicator (SLI)

Intelligent speed assistance (ISA)

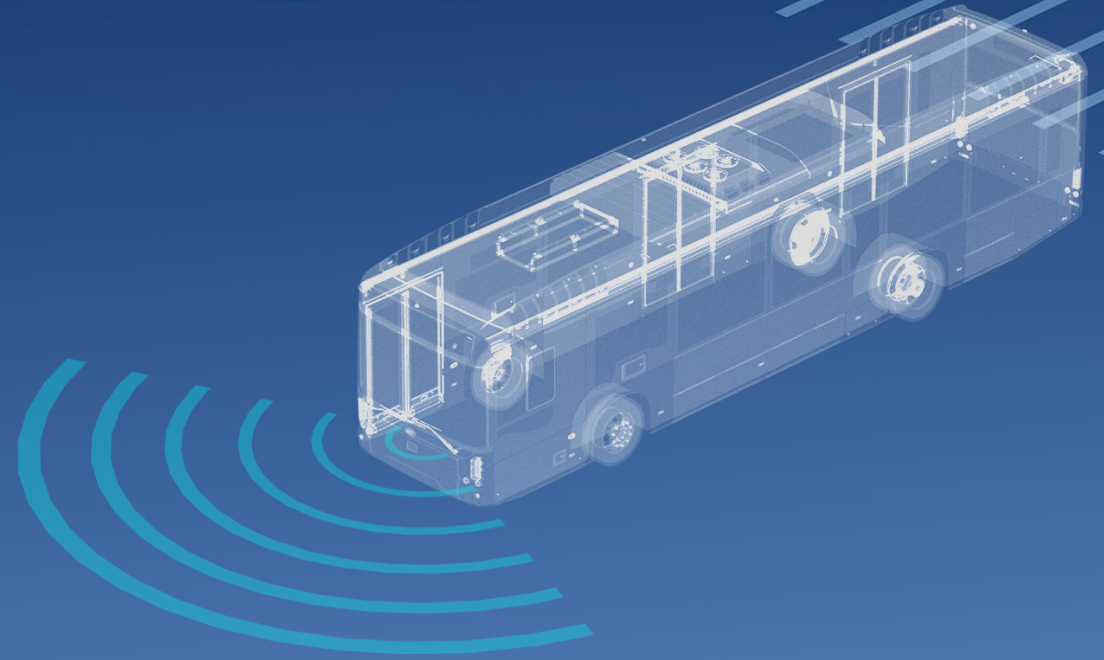
Alcolock

R29 Driver protection

R66 Vehicle rollover certification

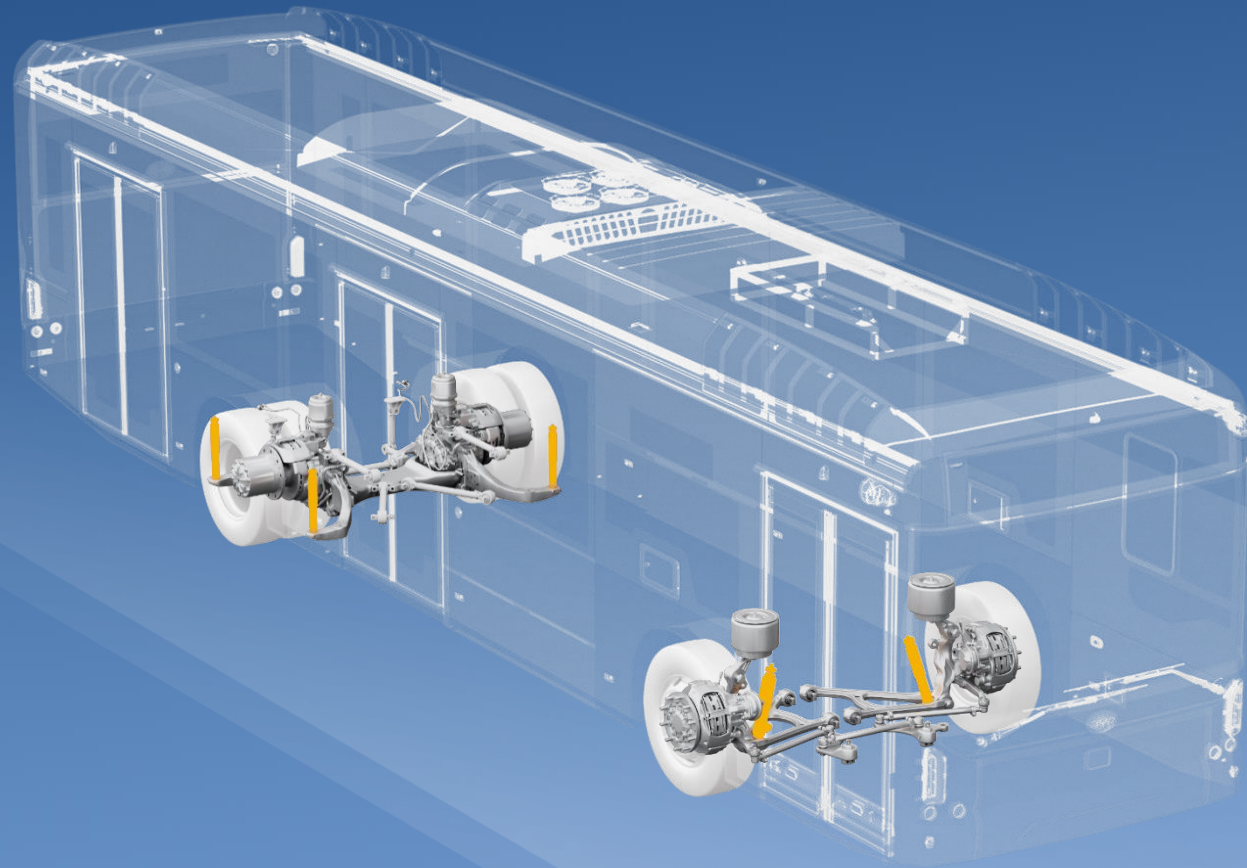
R93 Front lower collision protection

R155 / R156 Cyberprotection certification



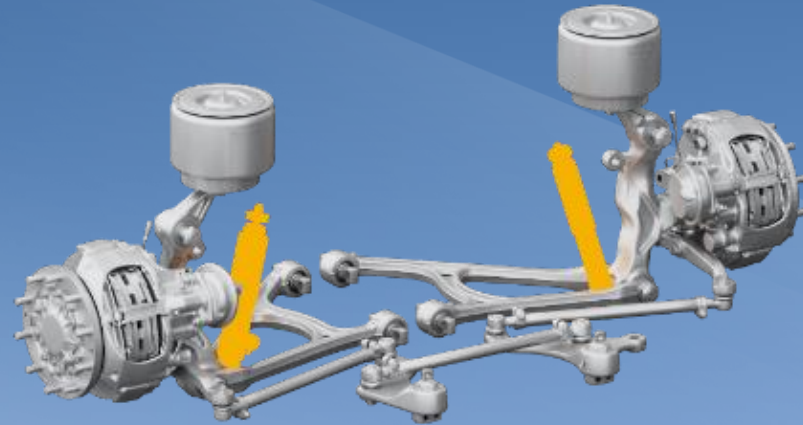
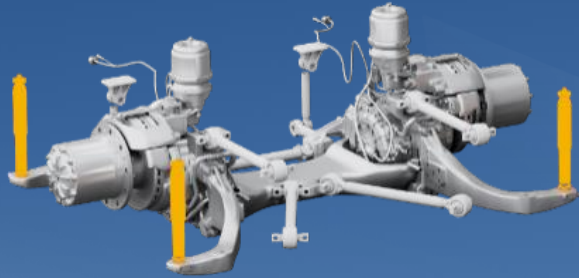
BYD Active suspension control system

Enhanced passenger comfort
Better driving dynamics and vehicle controllability



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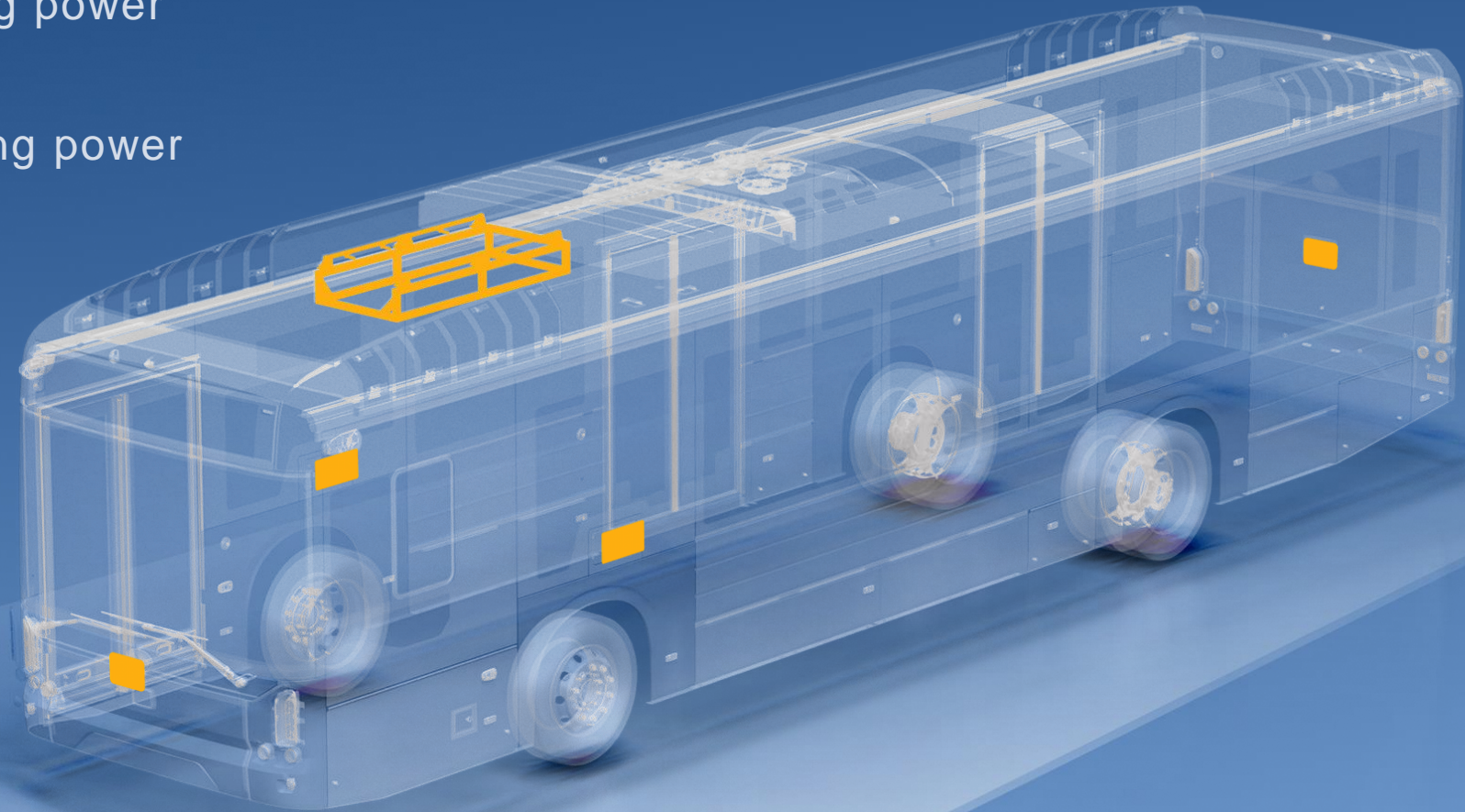


Customized charging options

Multiple charging port positions in the bus

Single gun charging power
Up to **200 kW**

Pantograph charging power
Up to **500 kW**





Empowering the Better Future

