



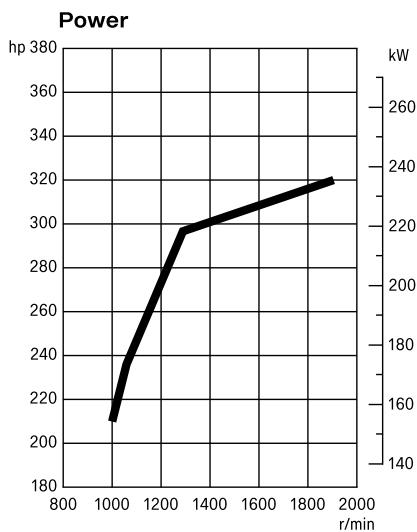
# K320 UB 4X2 HYBRID



**SCANIA**

# K320 UB 4X2 HYBRID

Scania is a global manufacturer of bus and coach chassis that meet the needs of operators on every continent. With total design and production control over chassis and powertrain, Scania delivers unrivalled reliability, durability and performance. Scania's Euro 6 engines meet and beat the most stringent environmental standards around.



## ENGINE

- Model - DC09 108/320
- Swept Volume - 9 Litre Inline, 5 Cyl Euro 6
- Power 320hp (235kW) @ 1900
- Torque 1600Nm @ 1050 - 1300)

## ENGINE FEATURES

- Fuel Type - Dielsel/HYBRID
- Emission Control – SCR

## HYBRID SPECIFICATIONS

- Max Power 130 Kw (177hp)
- Max Torque 1030 Nm
- DCC 650V-24V Converter
- Permanent Magnetizing Synchronous Electric Machine
- Brake performance of electric machine is 1000 Nm
- Typical battery charging time to 100% 5-15 mins of driving time
- Fully charged battery 4.5 kW can provide up to 4km EV mode up to 45 km/h

## TRANSMISSION

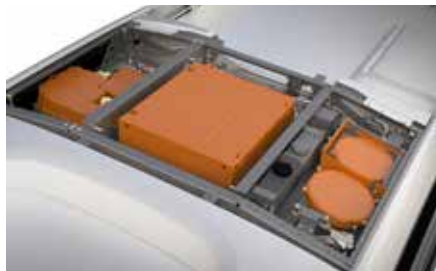
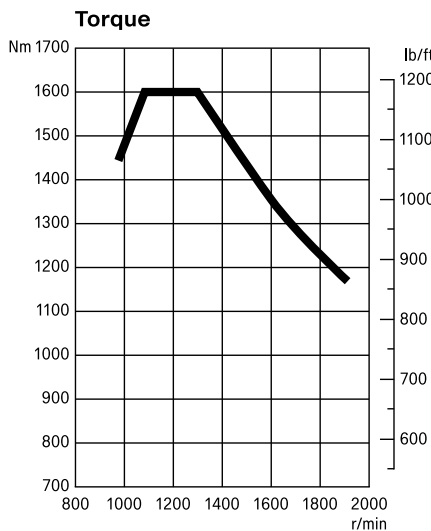
- Fully Automated Opticruise
- Model E-GRS895
- Gears - 12

## FRONT AXLE

- Model - AM 580SA
- Type - Rigid I - Beam
- Technical Rating - 7,100 kgs

## DRIVE AXLE

- Model - AD 400SA
- Type - Hypoid
- Ratio - 3.42:1
- Technical Rating - 12,000 kgs



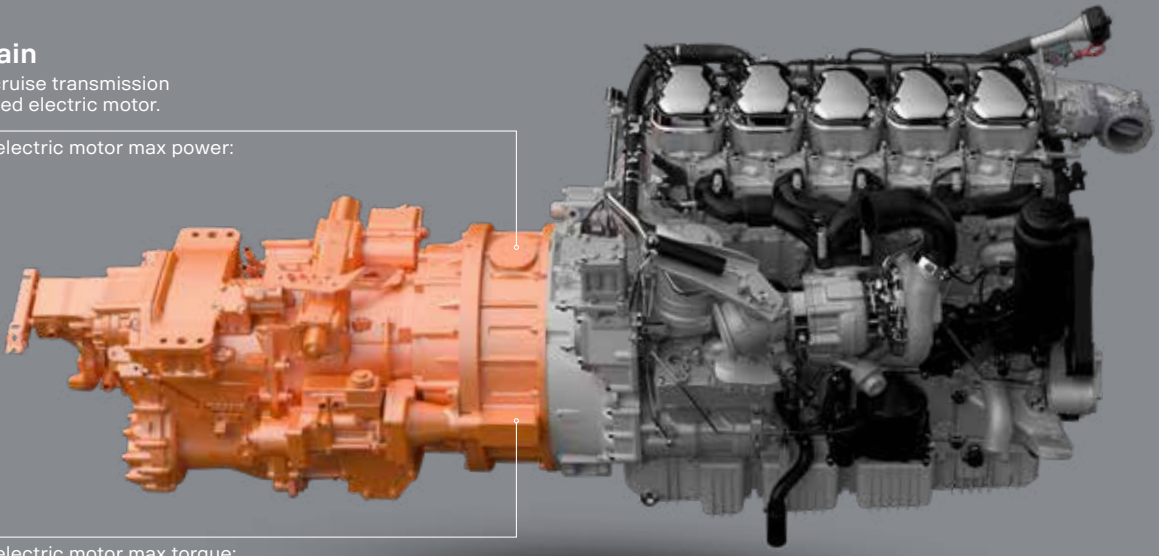
## HYBRID POWER UNIT

- Lithium-ion battery
- Voltage 660 V
- Installed Energy 18.5 kWh
- Charge power 120 kW
- Discharge power 200 kW
- Expected service life 5-7 years

## Powertrain

Scania Opticruise transmission with integrated electric motor.

Standalone electric motor max power:  
130 kW



Standalone electric motor max torque:  
1030 Nm

## SUSPENSION

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- Front Axle Suspension - 2 x Air Bags
- Drive Axle Suspension - 4 x Air Bags
- Full Kneeling Function
- Raise and Lower Function
- Level Control - Electronic
- Anti Roll Bar - Front and Rear

## BRAKES

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- Front Axle - Disc
- Rear Axle - Disc
- ABS
- EBS
- ESP
- Traction Control

## WHEELS

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- Rim Size - 22.5" X 8.25"
- Type - Durabrite Alloy

## TYRES

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- Make - Continental HSU
- Size - 295/80

## FUEL TANK

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- Body Builder

## ELECTRICAL

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- Voltage - 24V
- Batteries - 4 x 12V 230 Ah
- System - CAN Bus

## FEATURES

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- Ergonomic Driver Instrument Panel
- Adjustable Steering Column for tilt and reach
- Scania Communicator telematics
- 19,100 kgs technical capacity chassis
- Remote start/stop in engine bay
- Battery isolator in dash
- Scania Assistance
- Hill Hold

## OPTIONS

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- Maintenance and Repair Programmes available
- Scania Finance
- Wood grain steering wheel
- Tyre pressure monitoring
- Air cleaner dust ejector system

For more information contact your  
Scania branch or local dealer.

**HEAD OFFICE**

212 – 216 Northbourne Rd  
Campbellfield, 3061  
Tel: (03) 9217 3300

**VICTORIA**

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**Scania Dandenong**

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**Scania Kewdale**

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IMPORTANT. The specifications in this brochure were correct at the time of printing.  
All weights and measurements are approximate only. Images in this brochure may  
display some features not included in the standard specification. Scania Australia  
reserves the right to change specifications without prior notice.



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