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TECHNICAL SPECIFICATIONS

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**The Kia EV9**

**Battery and electric motor**

**Motor type**  Permanent Magnet Synchronous Motor (front & rear)

**Battery type**           Li-Ion - Lithium-Ion
**Battery energy**  99.8 kWh

**RWD**

**Max power (motor rear)** 150 kW (203 PS) @ 4,200 – 8,200 rpm

**Max torque (motor rear)** 350 Nm

**AWD**

**Max power (motor front)**    141.3 kW (192 PS) @ 7,000 – 7,800 rpm

**Max power (motor rear)**   141.3 kW (192PS) @ 7,000 – 7,800 rpm

**Max power (combined)**       282.6 kW (384PS)

**Max torque (motor front)** 250Nm (standard) or 350Nm (with Boost activated)

**Max torque (motor rear)** 350 Nm

**Max torque (combined)**   600 Nm (standard) or 700 Nm (with Boost activated)

**Energy consumption**  21.0 (RWD, 19” wheels), 22.8 (AWD, 19” wheels) (Target data) (kWh/100km)\*

**CO2 emissions**      0  (combined g/km)\*

**Max. All-electric range**  541 km (RWD), 497 km (AWD)  (Target data)

\*Economy and emissions: driving range standards are calculated using the World Harmonised Light Vehicle Test Procedure (WLTP). Figures refer to the estimated combined value.

**0-100 km/h**             9.4 (RWD), 6.0 (AWD), 5.3 (upgraded)

**Top speed (km/h)** 185/200 (RWD/AWD)

**Transmission:**       Single speed reduction

**Drivetrains**

**Rear-wheel drive (RWD)**

**All-wheel drive (AWD)**

**All-wheel drive (AWD upgraded)**

**Suspension**

Front: MacPherson multi-link

Rear: 5-arm multi-link

**Steering**

**Type**   Rack and pinion motor-driven power steering (R-MDPS)

**Steering gear ratio (mm/rev)**    56

**Turns (lock-to-lock)**          2.93

**Turning radius (m)**            6.19

**Wheels and tyres**

Baseline

19-inch black & silver aluminium wheels with 255/60R19 Nexen tires

20-inch black & silver aluminium wheels with 275/50R20 Nexen tires

**GT Line**

20-inch black & silver aluminium wheels with 275/50R20 Nexen tires

21-inch black aluminium with 285/45R21 Continental tires

**Spare**                      Standard tyre mobility kit

**Brakes**

**Front**                       360x30mm, discs

**Rear**                        345x20mm, discs

**Dimensions (mm)**

**Exterior**

**Overall length (BL)**   5,010     **Overall width (BL)** 1,980

**Overall height**  **(BL)** 1,755           **Front overhang (BL)** 870

**Overall length (GTL)** 5,015 **Overall width (GTL)** 1,980

**Overall height**  **(GTL)** 1,780             **Front overhang (GTL)** 875

**Wheelbase**             3,100

**Rear overhang**      1,040

**Ground clearance** 177 mm

**Interior**

**1st row**   **2nd row** **3rd row**

**Head room**             1,046 (1,005 w/ SR)     1,012 (985 w/ SR) 1,004 (1,004 w/ SR)

**Leg room**               1,052        1,085 756 – 783

**Shoulder room**          1,564        1,525 1,398

**Maximum cargo capacity (litres)**   **312-333**  (6/7 Seats) 828 (4/5 Seats) plus 90-litre (50kg) /52-litre (25kg) frunk (RWD/AWD)

**Weights (kg)**

**Curb weight (minimum/maximum)**  2,426 -2,569

**Gross weight (minimun/maximum)** 3,070 -3,240

**Tow load (RWD) (maximum)** 950

**Tow load (AWD) (maximum)**  2,500