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TECHNICAL SPECIFICATIONS

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)	149.5 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 (GT-line or AWD with Boost activated)
Max torque (motor rear)	350 Nm
Max torque (combined)	600 Nm (standard) or 700 Nm (GT-line or AWD with Boost upgraded)

Energy consumption	20.2 (RWD, 19” wheels), 22.3 (AWD, 19” wheels), 22.8 (AWD, 21” wheels) (kWh/100km)*
CO2 emissions	0 (combined g/km)*
Max. All-electric range	up to 563 km (RWD)**, up to 512 km (AWD)**

*Economy and emissions: driving range standards are calculated using the World Harmonised Light Vehicle Test Procedure (WLTP).
** Updated figure based on WVTA figures received on October 3rd 2023

0-100 km/h	9.4 (RWD), 6.0 (AWD), 5.3 (GT-line or Boost 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 (GT- line or 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

GT Line

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

Spare	Standard tyre mobility kit

Brakes

Front	360x30mm, ventilated discs
Rear	345x20mm, ventilated discs

Dimensions (mm)

Exterior

Overall length (BL)	5,010	**Body width (BL)**	1,980
Overall height (BL)	1,755	**Front overhang (BL)**	870
Overall length (GTL)	5,015	**Body 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) 2,393 (2 Seats) plus 90-litre (50kg) /52-litre (25kg) frunk (RWD/AWD)

Weights (kg)

Curb weight (minimum/maximum)	2,426 - 2,674
Gross weight (minimum/maximum)	3,070 - 3,240
Tow load (RWD) (maximum)	900
Tow load (AWD) (maximum)	2,500