

TECHNICAL SPECIFICATION 2025

RANGE ROVER  
SPORT



# ENGINES AND TECHNICAL SPECIFICATION

Range Rover Sport features our most advanced engine options, providing new levels of performance, efficiency and refinement. There is a plug-in Electric Hybrid (PHEV) for electric, zero tailpipe emissions driving, as well as petrol and diesel engine options.

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ENGINES

View the available engines, their fuel economy and specifications.

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DIMENSIONS AND CAPABILITIES

View the ride height, turning circle and other capability specifications.

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ENGINES

			PETROL ELECTRIC HYBRID (PHEV)		
ENGINE			P460e		P550e
Plug-in Hybrid Electric Vehicle (PHEV)			■		■
Transmission			Automatic		Automatic
Driveline			All Wheel Drive (AWD)		All Wheel Drive (AWD)
Maximum power (PS (kW) / rpm)			460 (338) / 5.500-6.500		550 (405) / 5.500-6.500
Maximum torque (Nm / rpm)			660 / 2.000-5.000		800 / 2.000-5.000
Capacity (cc)			2.996		2.996
No. of cylinders / Valves per cylinder			6 / 4		6 / 4
Cylinder layout			In-line		In-line
Bore / stroke (mm)			83 / 92,3		83 / 92,3
Compression ratio (:1)			10,5		10,5
FUEL ECONOMY – NEDC*					
NEDC Consumption	Urban	l/100km	-		-
	Extra Urban	l/100km	-		-
	Combined	l/100km	From 1,6		From 1,6
NEDC CO <sub>2</sub> Emissions	Urban	g/km	-		-
	Extra Urban	g/km	-		-
	Combined	g/km	From 38		From 38
FUEL ECONOMY – WLTP**					
WLTP Consumption	Low	l/100km (mpg)	-		-
	Medium	l/100km (mpg)	-		-
	High	l/100km (mpg)	-		-
	Extra High	l/100km (mpg)	-		-
	Combined	l/100km (mpg)	2,7-3,1 (105,4-90,0)		2,7-3,1 (102,7-90,2)
WLTP CO <sub>2</sub> Emissions	Low	g/km	-		-
	Medium	g/km	-		-
	High	g/km	-		-
	Extra High	g/km	-		-
	Combined	g/km	61-71		62-71
Fuel tank capacity - useable litres			71,5		71,5
Selective Catalytic Reduction Filter / Gasoline Particulate Filter (SCRf / GPF)			■		■

■ Standard – Not Available.

\*The figures provided are NEDC calculated from official manufacturer’s tests. Figures may vary according to environment and driving style. For comparison purposes only. Real-world figures may differ. \*\*The figures provided are as a result of official manufacturer's tests in accordance with EU legislation with a fully charged battery. For comparison purposes only. Real-world figures may differ. CO<sub>2</sub>, fuel economy, energy consumption and range figures may vary according to factors such as driving styles, environmental conditions, load, wheel fitment, accessories fitted, actual route and battery condition. Range figures are based upon production vehicle over a standardised route.

Engines

	PETROL ELECTRIC HYBRID (PHEV)	
	P460e	P550e
BATTERY AND CHARGING TIMES		
Home Charger / Wall box 7kW	5h 00m to 100%	5h 00m to 100%
Rapid DC Charger 50kW	40 mins to 80%	40 mins to 80%
Domestic Plug 2,3kW	15h 00m to 100%	15h 00m to 100%
Battery capacity Total (Usable) kWh	38,2 (31,8)	38,2 (31,8)
Charging cable length (m)	5	5
PERFORMANCE		
Acceleration (secs) 0-100 km/h (0-60 mph)	5,5 (5,3)	4,9 (4,7)
Maximum speed km/h (mph)	225 (140)	242 (150)
ELECTRIC MOTOR DATA		
Maximum speed km/h (mph)	140 (87)	140 (87)
EV Range Class A Combined (NEDC2*) km (miles)	126 (78)	126 (78)
EV Range Combined (WLTP**) km (miles)	118 (73)	116 (72)
EV Range expected Real World data (up to) km (miles)	96 (60)	94 (59)
BRAKES		
Front type	Ventilated disc	Ventilated disc
Front diameter (mm)	400	400
Rear type	Ventilated disc	Ventilated disc
Rear diameter (mm)	370	370
Park Brake	Electric Park Brake (EPB) integrated into brake caliper	
WEIGHTS (kg)†		
Unladen weight (EU)††	2.735	2.810
Unladen weight (DIN)‡	2.660	2.735
Gross Vehicle Weight (GVW)	3.450	3.450
TOWING (kg)		
Unbraked trailer	750	750
Maximum towing	3.000	3.000
Maximum coupling point (nose weight)	120	120
Maximum vehicle and trailer combination	6.450	6.450
ROOF CARRYING (kg)**		
Maximum roof load (including cross bars)	100	100

\*The figures provided are NEDC2 calculated from official manufacturer’s WLTP tests in accordance with EU legislation with a fully charged battery. For comparison purposes only. Real-world figures may differ. CO<sub>2</sub>, fuel economy, energy consumption and range figures may vary according to factors such as driving styles, environmental conditions, load, wheel fitment and accessories fitted. NEDC2 are figures calculated using a Government formula from WLTP figures equivalent to what they would have been under the old NEDC test. The correct tax treatment can then. \*\*The figures provided are as a result of official manufacturer’s tests in accordance with EU legislation with a fully charged battery. For comparison purposes only. Real-world figures may differ. CO<sub>2</sub>, fuel economy, energy consumption and range figures may vary according to factors such as driving styles, environmental conditions, load, wheel fitment, accessories fitted, actual route and battery condition. Range figures are based upon production vehicle over a standardised route. †Weights reflect vehicles to standard specifications. Optional extras increase weight. ††Includes a 75kg driver, full fluids and 90% fuel. ‡Includes full fluids and 90% fuel. \*\*Roof carrying is only available with fixed and sliding panoramic roofs.



Engines

			Petrol Mild Hybrid (MHEV)		
Engine			P360		P400
Mild Hybrid Electric Vehicle (MHEV)			■		■
Transmission			Automatic		Automatic
Driveline			All Wheel Drive (AWD)		All Wheel Drive (AWD)
Maximum power (PS (kW) / rpm)			360 (265) / 5.500-6.500		400 (294) / 5.500-6.500
Maximum torque (Nm / rpm)			500 / 1.570-5.000		550 / 2.000-5.000
Capacity (cc)			2.996		2.996
No. of cylinders / Valves per cylinder			6 / 4		6 / 4
Cylinder layout			In-line		In-line
Bore / stroke (mm)			83 / 92,3		83 / 92,3
Compression ratio (:1)			10,5		10,5
Fuel Economy – NEDC*					
NEDC Consumption	Urban	l/100km	From 12,8		From 12,8
	Extra Urban	l/100km	From 7,8		From 7,8
	Combined	l/100km	From 9,6		From 9,6
NEDC CO <sub>2</sub> Emissions	Urban	g/km	From 298		From 298
	Extra Urban	g/km	From 181		From 181
	Combined	g/km	From 224		From 224
Fuel Economy – WLTP**					
WLTP Consumption	Low	l/100km (mpg)	13,7-14,4 (20,6-19,7)		13,8-14,5 (20,4-19,5)
	Medium	l/100km (mpg)	9,7-10,2 (29,2-27,7)		9,7-10,3 (29,0-27,4)
	High	l/100km (mpg)	7,9-8,3 (35,9-33,9)		7,9-8,4 (35,8-33,6)
	Extra High	l/100km (mpg)	8,9-9,8 (31,6-28,8)		9,0-9,9 (31,4-28,6)
	Combined	l/100km (mpg)	9,4-10,0 (30,1-28,1)		9,5-10,1 (29,9-27,9)
WLTP CO <sub>2</sub> Emissions	Low	g/km	310-325		312-328
	Medium	g/km	218-232		220-233
	High	g/km	177-188		178-190
	Extra High	g/km	210-222		203-223
	Combined	g/km	212-227		213-229
Fuel tank capacity - useable litres			90		90
Selective Catalytic Reduction Filter / Gasoline Particulate Filter (SCRf / GPF)			■		■

■ Standard.

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Engines

PERFORMANCE	PETROL MILD HYBRID (MHEV)	
	P360	P400
Acceleration (secs) 0-100 km/h (0-60 mph) with Dynamic Launch	6,0 (5,7)	5,5 (5,2)
Maximum speed km/h (mph)	225 (140)	242 (150)
BRAKES		
Front type	Ventilated disc	Ventilated disc
Front diameter (mm)	380	380
Rear type	Ventilated disc	Ventilated disc
Rear diameter (mm)	355	355
Park Brake	Electric Park Brake (EPB) integrated into brake caliper	
WEIGHTS (kg)*		
Unladen weight (EU)**	2.340	2.385
Unladen weight (DIN)†	2.310	2.310
Gross Vehicle Weight (GVW)	3.220	3.220
TOWING (kg)		
Unbraked trailer	750	750
Maximum towing	3.500	3.500
Maximum coupling point (nose weight)	150	150
Maximum vehicle and trailer combination	6.720	6.720
ROOF CARRYING (kg)††		
Maximum roof load (including cross bars)	100	100

\*Weights reflect vehicles to standard specifications. Optional extras increase weight. \*\*Includes a 75kg driver, full fluids and 90% fuel. †Includes full fluids and 90% fuel. ††Roof carrying is only available with fixed and sliding panoramic roofs.

Engines

			PETROL V8 MILD HYBRID (MHEV)		
ENGINE			P530		P635
Transmission			Automatic		Automatic
Driveline			All Wheel Drive (AWD)		All Wheel Drive (AWD)
Maximum power (PS (kW) / rpm)			530 (390) / 5.000-7.000		635 (467) / 6.000-7.000
Maximum torque (Nm / rpm)			750 / 1.800-4.500		750 <sup>†</sup> / 1.800-5.855
Capacity (cc)			4.395		4.395
No. of cylinders / Valves per cylinder			8 / 4		8 / 4
Cylinder layout			Longitudinal V		Longitudinal V
Bore / stroke (mm)			89 / 88,3		89 / 88,3
Compression ratio (:1)			10,5		10,5
FUEL ECONOMY – NEDC*					
NEDC Consumption	Urban	l/100km	From 16,0		16,9
	Extra Urban	l/100km	From 8,3		9,2
	Combined	l/100km	From 11,1		12
NEDC CO <sub>2</sub> Emissions	Urban	g/km	From 380		385
	Extra Urban	g/km	From 214		209
	Combined	g/km	From 275		274
FUEL ECONOMY – WLTP**					
WLTP Consumption	Low	l/100km (mpg)	19,3-19,5 (14,6-14,5)		19,7-20,2 (14,4-14,0)
	Medium	l/100km (mpg)	11,0-11,5 (25,7-24,5)		11,4-12,2 (24,8-23,2)
	High	l/100km (mpg)	9,2-9,6 (30,9-29,5)		9,7-10,4 (29,2-27,2)
	Extra High	l/100km (mpg)	10,0-10,7 (28,1-26,4)		10,7-11,5 (26,4-24,6)
	Combined	l/100km (mpg)	11,2-11,7 (25,2-24,2)		11,7-12,4 (24,1-22,7)
WLTP CO <sub>2</sub> Emissions	Low	g/km	438-442		447-459
	Medium	g/km	250-261		258-276
	High	g/km	207-217		243-234
	Extra High	g/km	228-243		243-261
	Combined	g/km	254-265		266-282
Fuel tank capacity - useable litres			90		90
Selective Catalytic Reduction Filter / Gasoline Particulate Filter (SCRF / GPF)			■		■

■ Standard – Not Available.

\*The figures provided are NEDC calculated from official manufacturer’s tests. Figures may vary according to environment and driving style. For comparison purposes only. Real-world figures may differ.  
\*\*The figures provided are as a result of official manufacturer’s tests in accordance with EU legislation. For comparison purposes only. Real-world figures may differ. CO<sub>2</sub> and fuel economy figures may vary according to factors such as driving styles, environmental conditions, load, wheel fitment and accessories fitted.  
<sup>†</sup>800Nm combined Engine/MHEV output when using Dynamic Launch Mode.

Engines

	PETROL V8 MILD HYBRID (MHEV)	
PERFORMANCE	P530	P635
Acceleration (secs) 0-100 km/h (0-60 mph) with Dynamic Launch	4,5 (4,3)	3.8 (3.6) <sup>‡</sup>
Maximum speed km/h (mph)	250 (155)	290 (180) <sup>‡‡</sup>
BRAKES		
Front type	Ventilated disc	Ventilated disc
Front diameter (mm)	400	420 (440) <sup>‡</sup>
Rear type	Ventilated disc	Ventilated disc
Rear diameter (mm)	370	390
Park Brake	Electric Park Brake (EPB) integrated into brake caliper	Electric Park Brake (EPB) integrated into brake caliper
WEIGHTS (kg)*		
Unladen weight (EU)**	2.580	2.560
Unladen weight (DIN) <sup>†</sup>	2.505	2.485
Gross Vehicle Weight (GVW)	3.220	3.250
TOWING (kg)		
Unbraked trailer	750	750
Maximum towing	3.500	3.500
Maximum coupling point (nose weight)	150	150
Maximum vehicle and trailer combination	6.720	6.750
ROOF CARRYING (kg) <sup>††</sup>		
Maximum roof load (including cross bars)	100	100

\*Weights reflect vehicles to standard specifications. Optional extras increase weight. \*\*Includes a 75kg driver, full fluids and 90% fuel. †Includes full fluids and 90% fuel. ††Roof carrying is only available with fixed and sliding panoramic roofs. ‡When fitted with Carbon Ceramic Braking System and Carbon Fibre wheels. ‡‡Top speed 266kmh (165mph) on SV model.



Engines

			DIESEL MILD HYBRID (MHEV)			
ENGINE			D250	D300	D350	
Mild Hybrid Electric Vehicle (MHEV)			■	■	■	
Transmission			Automatic	Automatic	Automatic	
Driveline			All Wheel Drive (AWD)	All Wheel Drive (AWD)	All Wheel Drive (AWD)	
Maximum power (PS (kW) / rpm)			249 (183) / 4.000	300 (221) / 4.000	350 (258) / 4.000	
Maximum torque (Nm / rpm)			600 / 1.250-2.500	650 / 1.500-2.500	700 / 1.500-3.000	
Capacity (cc)			2.997	2.997	2.998	
No. of cylinders / Valves per cylinder			6 / 4	6 / 4	6 / 4	
Cylinder layout			In-line	In-line	In-line	
Bore / stroke (mm)			83 / 92,31	83 / 92,31	83 / 92,31	
Compression ratio (:1)			15,5	15,5	15,5	
FUEL ECONOMY – WLTP*						
WLTP Consumption	Low	l/100km (mpg)	11,2-11,9 (25,2-23,8)	11,2-11,9 (25,2-23,8)	11,3-11,9 (25,0-23,7)	
	Medium	l/100km (mpg)	6,9-7,3 (40,8-38,7)	6,9-7,3 (40,8-38,7)	7,0-7,3 (40,5-38,6)	
	High	l/100km (mpg)	5,7-6,3 (49,3-44,7)	5,7-6,3 (49,3-44,7)	5,8-6,3 (49,0-44,6)	
	Extra High	l/100km (mpg)	6,8-7,8 (41,4-36,3)	6,8-7,8 (41,4,36,3)	6,9-7,8 (41,2-36,3)	
	Combined	l/100km (mpg)	7,1-7,8 (39,8-36,4)	7,1-7,8 (39,8-36,4)	7,1-7,8 (39,6-36,3)	
WLTP CO <sub>2</sub> Emissions	Low	g/km	295-311	295-311	297-313	
	Medium	g/km	182-192	182-192	183-192	
	High	g/km	150-166	150-166	151-166	
	Extra High	g/km	179-204	179-204	180-204	
	Combined	g/km	186-204	186-204	187-204	
Fuel tank capacity - useable litres			80	80	80	
Selective Catalytic Reduction Filter / Gasoline Particulate Filter (SCR <sub>F</sub> / GPF)			■	■	■	

■ Standard.

\*The figures provided are as a result of official manufacturer’s tests in accordance with EU legislation. For comparison purposes only. Real-world figures may differ. CO<sub>2</sub> and fuel economy figures may vary according to factors such as driving styles, environmental conditions, load, wheel fitment and accessories fitted.

Engines

	DIESEL MILD HYBRID (MHEV)			
PERFORMANCE	D250	D300	D350	
Acceleration (secs) 0-100 km/h (0-60 mph) with Dynamic Launch	7,7 (7,3)	6,4 (6,1)	5,8 (5,5)	
Maximum speed km/h (mph)	206 (128)	218 (135)	234 (145)	
BRAKES				
Front type	Ventilated disc	Ventilated disc	Ventilated disc	
Front diameter (mm)	380	380	380	
Rear type	Ventilated disc	Ventilated disc	Ventilated disc	
Rear diameter (mm)	355	355	355	
Park Brake	Electric Park Brake (EPB) integrated into brake caliper	Electric Park Brake (EPB) integrated into brake caliper	Electric Park Brake (EPB) integrated into brake caliper	
WEIGHTS (kg)*				
Unladen weight (EU)**	2.390	2.390	2.435	
Unladen weight (DIN)†	2.315	2.315	2.360	
Gross Vehicle Weight (GVW)	3.220	3.220	3.220	
TOWING (kg)				
Unbraked trailer	750	750	750	
Maximum towing	3.500	3.500	3.500	
Maximum coupling point (nose weight)	150	150	150	
Maximum vehicle and trailer combination	6.720	6.720	6.720	
ROOF CARRYING (kg)††				
Maximum roof load (including cross bars)	100	100	100	

\*Weights reflect vehicles to standard specifications. Optional extras increase weight. \*\*Includes a 75kg driver, full fluids and 90% fuel. †Includes full fluids and 90% fuel. ††Roof carrying is only available with fixed and sliding panoramic roofs.

DIMENSIONS AND CAPABILITIES

DIMENSIONS

Maximum height 1.820mm  
Access height air suspension setting will reduce the above by 50mm  
Overall length 4.946mm  
Width 2.047mm mirrors folded  
Width 2.209mm mirrors out  
Front wheel track 1.702mm (SV 1.714mm)  
Rear wheel track 1.704mm (SV 1.723mm)  
Wheelbase 2.997mm

TURNING CIRCLE

Kerb-to-kerb Two wheel steering 12,53m  
Kerb-to-kerb Four wheel steering 10,95m  
Wall-to-wall Two wheel steering 12,53m  
Wall-to-wall Four wheel steering 10,59m  
Turns lock-to-lock 2,8

WADING DEPTH

Maximum wading depth 900mm

HEADROOM

Maximum front row headroom 998mm  
Maximum second row headroom 982mm

LEGROOM

Maximum front row legroom 1.024mm  
Maximum second row legroom 961mm

OBSTACLE CLEARANCE

Off-road height 280mm / 273mm<sup>†</sup>  
Standard ride height 216mm / 209mm<sup>†</sup>

APPROACH AND DEPARTURE CLEARANCE

Standard  
Approach Angle - 26,1° / 22,5°<sup>††</sup>  
Departure Angle - 25°  
Ramp Angle - 21,5° / 26.7°<sup>†</sup>

Off-road  
Approach Angle - 33,0° / 29,7°<sup>††</sup>  
Departure Angle - 29,8°  
Ramp Angle - 26,9° / 24,4°<sup>†</sup>

LOADSPACE CAPACITY\*\*

Height 793mm  
Width 1.400mm  
Width between arches 1.103mm  
Length behind first row 1.827mm  
Maximum loadspace volume behind first row  
Dry\* 1.491 litres  
Wet\*\* 1.860 litres  
Length behind second row 970mm  
Maximum loadspace volume behind second row  
Dry\* 647 litres  
Wet\*\* 835 litres



Height  
1.820mm  
(SV 1.810mm)



Width 2.047mm mirrors folded  
Width 2.209mm mirrors out

Standard overall length 4.946mm  
(SV 4.970mm)

Rear wheel track 1.704mm  
(SV 1.723mm)

Weights and dimensions shown apply to standard-specification, unladen vehicles, which may be affected by optional features and equipment.  
\*Dry: Volume as measured with VDA-compliant solid blocks (200mm x 50mm x 100mm). \*\*Wet: Volume as measured by simulating the loadspace filled with liquid.  
<sup>†</sup>On PHEV models. <sup>††</sup>On Dynamic models.  
Figures shown may differ on SV models.