

RANGE ROVER SPORT

TECHNICAL SPECIFICATION

2019



ABOVE & BEYOND



ENGINES

You can select from a choice of diesel, petrol, mild hybrid and plug-in hybrid engines. These engines are designed for clean and efficient combustion and are all equipped with Stop/Start technology and smart regenerative charging.

Configure your Range Rover Sport at landrover.co.uk

TECHNICAL SPECIFICATION

POWERTRAIN			DIESEL				
			SDV6			SDV8	
Transmission			Automatic			Automatic	
Driveline			All Wheel Drive (AWD)			All Wheel Drive (AWD)	
Maximum power (HP/rpm)			306/3,750			339/3,500	
Maximum torque (Nm/rpm)			700/1,500 - 1,750			740/1,750 - 2,250	
Capacity (cc)			2,993			4,367	
No. of cylinders/Valves per cylinder			6/4			8/4	
Cylinder layout			Longitudinal V			Longitudinal V	
Bore/stroke (mm)			84/90			84/98.5	
Compression ratio (:1)			16.1			16.1	
FUEL ECONOMY - NEDC EQUIVALENT (NEDCeq)**			Class A [†]	Class B [†]	Class C [†]	Class A	Class C
NEDCeq	Combined	(g/km)	195	199	203	242	248
CO ₂ Emissions							
FUEL ECONOMY - WLTP [†]			TEL - TEH ^{††}			TEL - TEH ^{††}	
WLTP Consumption	Low	mpg (l/100km)	24.1 - 22.5 (11.7 - 12.6)			18.1 - 17.7 (15.6 - 16.0)	
	Medium	mpg (l/100km)	32.2 - 28.4 (8.8 - 9.9)			27.3 - 24.9 (10.4 - 11.4)	
	High	mpg (l/100km)	37.2 - 33.6 (7.6 - 8.4)			30.6 - 29.8 (9.2 - 9.5)	
	Extra High	mpg (l/100km)	31.7 - 28.9 (8.9 - 9.8)			29.1 - 27.0 (9.7 - 10.4)	
	Combined	mpg (l/100km)	32.0 - 29.0 (8.8 - 9.8)			27.0 - 25.5 (10.5 - 11.1)	
WLTP CO ₂ Emissions	Combined	(g/km)	232 - 256			275 - 291	
EV Range	Combined	miles (km)	-			-	
FUEL ECONOMY							
Fuel tank capacity - useable litres			86			86	
Selective Catalytic Reduction Filter/ Gasoline Particulate Filter (SCR/GPF)			■			■	

■ Standard - Not Available.

*When combined with electric motor. **The figures provided are NEDCeq calculated from official manufacturer's WLTP tests in accordance with EU legislation. For comparison purposes only. Real world figures may differ. CO₂ and fuel economy figures may vary according to wheel fitment and optional extras fitted. NEDCeq 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 be applied. [†]The figures provided are WLTP. WLTP is the new official EU test used to calculate standardised fuel consumption and CO₂ figures for passenger cars. It measures fuel, energy consumption, range and emissions. This is designed to provide figures closer to real-world driving behaviour. It tests vehicles with optional equipment and with a more demanding test procedure and driving profile.

TECHNICAL SPECIFICATION

			PETROL		PETROL PHEV	PETROL MHEV	PETROL			
POWERTRAIN			P300		P400e	P400	P525		V8 SUPERCHARGED	
Transmission			Automatic		Automatic	Automatic	Automatic		Automatic	
Driveline			All Wheel Drive (AWD)		All Wheel Drive (AWD)	All Wheel Drive (AWD)	All Wheel Drive (AWD)		All Wheel Drive (AWD)	
Maximum power (HP/rpm)			300/5,500		404/5,500*	400/5,500 - 6,500	525/6,000 - 6,500		575/6,000 - 6,500	
Maximum torque (Nm/rpm)			400/1,500 - 4,000		640/1,500 - 4,000	550/2,000 - 5,000	625/2,500 - 5,500		700/3,500 - 5,000	
Capacity (cc)			1,997		1,997	2,996	5,000		5,000	
No. of cylinders/Valves per cylinder			4/4		4/4	6/4	8/4		8/4	
Cylinder layout			In-line 4		In-line 4	Longitudinal I6	Longitudinal V		Longitudinal V	
Bore/stroke (mm)			83/92		83/92	83/92	92.5/93		92.5/93	
Compression ratio (:1)			9.5		9.5	10.5	9.5		9.5	
FUEL ECONOMY - NEDC EQUIVALENT (NEDCeq)**			Class A	Class B	Class A	Class A	Class A	Class C	Class B	Class C
NEDCeq CO ₂ Emissions Combined (g/km)			217	219	69	209	288	295	290	290
FUEL ECONOMY - WLTP†			TEL - TEH††		TEL - TEH††	TEL - TEH††	TEL - TEH††		TEH††	
Low mpg (l/100km)			18.5 - 17.8 (15.3 - 15.9)		-	18.6 - 17.6 (15.2 - 16.1)	12.8 - 12.2 (22.1 - 23.1)		12.3 (22.9)	
Medium mpg (l/100km)			27.1 - 24.6 (10.4 - 11.5)		-	28.1 - 25.9 (10.1 - 10.9)	20.5 - 19.2 (13.8 - 14.7)		18.9 (15.0)	
High mpg (l/100km)			31.2 - 28.4 (9.1 - 10.0)		-	33.1 - 29.8 (8.5 - 9.5)	23.9 - 22.2 (11.8 - 12.7)		22.2 (12.7)	
Extra High mpg (l/100km)			26.0 - 23.6 (10.9 - 12.0)		-	27.6 - 24.6 (10.2 - 11.5)	21.8 - 20.3 (13.0 - 13.9)		20.5 (13.8)	
Combined mpg (l/100km)			26.1 - 24.0 (10.8 - 11.8)		86.9 - 75.3 (3.3 - 3.8)	27.4 - 24.9 (10.3 - 11.4)	20.2 - 18.9 (14.0 - 14.9)		18.9 (15.0)	
WLTP CO ₂ Emissions Combined (g/km)			245 - 266		74 - 85	234 - 258	315 - 336		338	
EV Range Combined miles (km)			-		26.0 - 24.0 (41.0 - 39.0)	-	-		-	
FUEL ECONOMY										
Fuel tank capacity - useable litres			104		91	104	104		104	
Selective Catalytic Reduction Filter/ Gasoline Particulate Filter (SCR/GPF)			■		■	■	■		■	

Class A (20"-22" wheels with all season tyres), Class B (19" wheels and 21"-22" wheels on SVR with all season tyres), Class C (20"-22" wheels with summer tyres)

††TEL (Test Energy Low) and TEH (Test Energy High) figures are shown as a range under WLTP testing measures. TEL refers to the lowest/most economical figures (with the lightest set of options). TEH refers to the highest/least economical figures (with the heaviest set of options). WLTP legislation dictates that where there is <5g CO₂ variance between TEL and TEH, only the TEH is declared. *Figures shown are without Active Roll Control (ARC). Figures may vary with ARC fitted.

TECHNICAL SPECIFICATION

	DIESEL	
	SDV6	SDV8
PERFORMANCE		
Acceleration (secs) 0-60mph (0-100 km/h)	6.8 (7.1)	6.7 (7.2)
Maximum speed mph (km/h)	130/140* (209/225*)	140 (225)
ELECTRIC MOTOR DATA		
Maximum Power (kW)	-	-
Maximum Torque (Nm)	-	-
BRAKES		
Front type		Ventilated disc
Front diameter (mm)	349	380
Rear type		Ventilated disc
Rear diameter (mm)	325	365
Park Brake		Integrated into brake caliper
WEIGHTS (kg)[†]		
Unladen weight (EU) ^{††}	2,245	2,510
Unladen weight (DIN) [‡]	2,170	2,435
Gross Vehicle Weight 5 seat/5 + 2 Seating (GVW)	3,050/3,200	3,200
TOWING (kg)		
Unbraked trailer	750	750
Maximum towing	3,500	3,500
Maximum coupling point (nose weight)	150	150
Maximum vehicle and trailer combination (5 seat/5 + 2 Seating)	6,550/6,700	6,700
ROOF CARRYING (kg)		
Maximum roof load (including cross bars)	100	100

■ Standard - Not Available.

*Only available on Dynamic models. **With optional 5 + 2 Seating. †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.

TECHNICAL SPECIFICATION

	PETROL	PETROL PHEV	PETROL MHEV	PETROL	
	P300	P400e	P400	P525	V8 SUPERCHARGED
PERFORMANCE					
Acceleration (secs) 0-60mph (0-100 km/h)	7.0 (7.3)	6.3 (6.7)	5.6 (5.9)	5.0 (5.3)	4.3 (4.5)
Maximum speed mph (km/h)	125 (201)	137 (220)	140 (225)	155/140** (250/225**)	176 (283)
ELECTRIC MOTOR DATA					
Maximum Power (kW)	-	105	-	-	-
Maximum Torque (Nm)	-	275	-	-	-
BRAKES					
Front type			Ventilated disc		
Front diameter (mm)	349	380	380	380	380
Rear type			Ventilated disc		
Rear diameter (mm)	325	365	365	365	365
Park Brake			Integrated into brake caliper		
WEIGHTS (kg)[†]					
Unladen weight (EU) ^{††}	2,151	2,539	2,285	2,390	2,377
Unladen weight (DIN) [†]	2,076	2,464	2,210	2,315	2,302
Gross Vehicle Weight 5 seat/5 + 2 Seating (GVW)	2,900/3,000	3,200	3,050/3,175	3,100/3,250	3,000
TOWING (kg)					
Unbraked trailer	750	750	750	750	750
Maximum towing	3,000	2,500	3,500	3,500	3,000
Maximum coupling point (nose weight)	120	100	150	150	120
Maximum vehicle and trailer combination (5 seat/5 + 2 Seating)	5,900/6,000	5,700	6,550/6,675	6,600/6,750	6,000
ROOF CARRYING (kg)					
Maximum roof load (including cross bars)	100	100	100	100	100

TECHNICAL DETAILS

DIMENSIONS AND CAPABILITIES



Standard Ride Height

With roof antenna 1,803mm
 With panoramic roof open 1,817mm
 Access height air suspension setting will reduce each of the above by 50mm

Headroom

Maximum front headroom with panoramic roof 984mm
 Rear headroom 991mm

Legroom

Maximum front legroom 1,004mm
 Maximum rear legroom 940mm

Loadspace Capacity*

Height 837mm, Width 1,285mm
 Loadspace width between arches 1,116mm
 Maximum loadspace volume behind first row
 Dry** 1,463 litres, Wet† 1,686 litres
 Maximum loadspace volume behind second row
 Dry** 623 litres, Wet† 780 litres

Obstacle Clearance

Off-road height 278mm
 Standard ride height 213mm

Turning Circle

Kerb-to-kerb 12.4m
 Wall-to-wall 12.5m
 Turns lock-to-lock 2.7

Wading Depth

Maximum wading depth 850mm



	A	B	C
Ride Height	Approach Angle	Ramp Angle	Departure Angle
Off-road†† (SVR)	33.0° (29.2°)	25.7° (26.9°)	30.0° (28.0°)
Standard (SVR)	26.0° (20.6°)	21.2° (21.0°)	26.2° (23.9°)



*Rear loadspace capacity is reduced on P400e models. **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. ††With Tow Eye Cover removed.

Please note: Figures may vary for SVR model and PHEV.