

TECHNICAL SPECIFICATION 2023

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 all-electric, zero tailpipe emissions driving, as well as petrol and diesel engine options.

Configure your Range Rover Sport at [landrover.com](https://www.landrover.com)

1

ENGINES

View the available engines, their fuel economy and specifications.

2

DIMENSIONS AND CAPABILITIES

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

ENGINES

			PETROL PHEV	
ENGINE			P460e	P550e
Plug-in Hybrid Electric Vehicle (PHEV)			■	■
Transmission			Automatic	Automatic
Driveline			All Wheel Drive (AWD)	All Wheel Drive (AWD)
Maximum power (HP / rpm)			460 / 5,500-6,500	550 / 5,500-6,500
Maximum torque (Nm / rpm)			660 / 2,000-5,000	800 / 2,000-5,000
Capacity (cc)			2,997	2,997
No. of cylinders / Valves per cylinder			6 / 4	6 / 4
Cylinder layout			In-line	In-line
Bore / stroke (mm)			83 / 92.29	83 / 92.29
Compression ratio (:1)			10.5	10.5
FUEL ECONOMY – WLTP*				
WLTP Consumption	Low	mpg (l/100km)	-	-
	Medium	mpg (l/100km)	-	-
	High	mpg (l/100km)	-	-
	Extra High	mpg (l/100km)	-	-
	Combined	mpg (l/100km)	403.5-357.6 (0.7-0.8)	397.9-362.2 (0.7-0.8)
WLTP CO ₂ Emissions	Low	g/km	-	-
	Medium	g/km	-	-
	High	g/km	-	-
	Extra High	g/km	-	-
	Combined	g/km	15-18	15-18
Fuel tank capacity - useable litres			71.5	71.5
Selective Catalytic Reduction Filter / Gasoline Particulate Filter (SCR / GPF)			■	■

■ Standard - Not Available.

*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. CO₂, 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 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) 0-60 mph (0-100 km/h)	5.4 (5.6)	4.7 (4.9)
Maximum speed mph (km/h)	140 (225)	150 (242)
ELECTRIC MOTOR DATA		
Maximum speed mph (km/h)	87 (140)	87 (140)
EV Range Combined (WLTP**) miles (km)	76 (123)	75 (121)
EV Range expected Real World data (up to) miles (km)	60 (96)	59 (94)
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)	350	350
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. CO₂, 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. CO₂, 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 MHEV
			P400
ENGINE			■
Mild Hybrid Electric Vehicle (MHEV)			
Transmission			Automatic
Driveline			All Wheel Drive (AWD)
Maximum power (HP / rpm)			400 / 5,500 - 6,500
Maximum torque (Nm / rpm)			550 / 2,000 - 5,000
Capacity (cc)			2,997
No. of cylinders / Valves per cylinder			6 / 4
Cylinder layout			In-line
Bore / stroke (mm)			83 / 92.29
Compression ratio (:1)			10.5
FUEL ECONOMY – WLTP*			
WLTP Consumption	Low	mpg (l/100km)	20.4-19.5 (13.8-14.5)
	Medium	mpg (l/100km)	29.0-27.4 (9.7-10.3)
	High	mpg (l/100km)	35.8-33.6 (7.9-8.4)
	Extra High	mpg (l/100km)	31.4-28.6 (9.0-9.9)
	Combined	mpg (l/100km)	29.9-27.9 (9.5-10.1)
WLTP CO ₂ Emissions	Low	g/km	312-328
	Medium	g/km	220-233
	High	g/km	178-190
	Extra High	g/km	203-223
	Combined	g/km	213-229
Fuel tank capacity - useable litres			90
Selective Catalytic Reduction Filter / Gasoline Particulate Filter (SCR / 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. CO₂ and fuel economy figures may vary according to factors such as driving styles, environmental conditions, load, wheel fitment and accessories fitted.

ENGINES

	PETROL MHEV
	P400
PERFORMANCE	
Acceleration (secs) 0-60 mph (0-100 km/h) with Dynamic Launch	5.4 (5.7)
Maximum speed mph (km/h)	150 (242)
BRAKES	
Front type	Ventilated disc
Front diameter (mm)	380
Rear type	Ventilated disc
Rear diameter (mm)	355
Park Brake	Electric Park Brake (EPB) integrated into brake caliper
WEIGHTS (kg)*	
Unladen weight (EU)**	2,385
Unladen weight (DIN)†	2,310
Gross Vehicle Weight (GVW)	3,220
TOWING (kg)	
Unbraked trailer	750
Maximum towing	3,500
Maximum coupling point (nose weight)	350
Maximum vehicle and trailer combination	6,720
ROOF CARRYING (kg)††	
Maximum roof load (including cross bars)	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 MHEV V8
			P635
ENGINE			
Transmission			Automatic
Driveline			All Wheel Drive (AWD)
Maximum power (HP / rpm)			635 / 6,000-7,000
Maximum torque (Nm / rpm)			750 [†] / 1,800-5,855
Capacity (cc)			4,395
No. of cylinders / Valves per cylinder			8 / 4
Cylinder layout			Longitudinal V
Bore / stroke (mm)			89 / 88.3
Compression ratio (:1)			10.5
FUEL ECONOMY – WLTP*			
WLTP Consumption	Low	mpg (l/100 km)	14.4-13.9 (19.7-20.3)
	Medium	mpg (l/100 km)	24.8-23.2 (11.4-12.2)
	High	mpg (l/100 km)	29.2-27.3 (9.7-10.4)
	Extra High	mpg (l/100 km)	26.3-24.6 (10.8-11.5)
	Combined	mpg (l/100 km)	24.1-22.7 (11.7-12.5)
WLTP CO ₂ Emissions	Low	g/km	447-460
	Medium	g/km	259-276
	High	g/km	220-235
	Extra High	g/km	244-260
	Combined	g/km	267-282
Fuel tank capacity - useable litres			90
Selective Catalytic Reduction Filter / Gasoline Particulate Filter (SCR / GPF)			■

■ Standard - Not Available.

*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. CO₂ and fuel economy figures may vary according to factors such as driving styles, environmental conditions, load, wheel fitment and accessories fitted. [†]800Nm combined Engine/MHEV output when using Dynamic Launch Mode.

ENGINES

	PETROL MHEV V8
	P635
PERFORMANCE	
Acceleration (secs) 0-60 mph (0-100 km/h)	3.6 (3.8)†
Maximum speed mph (km/h)	180 (290)
BRAKES	
Front type	Ventilated disc
Front diameter (mm)	420 (440)‡
Rear type	Ventilated disc
Rear diameter (mm)	390
Park Brake	Electric Park Brake (EPB) integrated into brake caliper
WEIGHTS (kg)*	
Unladen weight (EU)**	2,560
Unladen weight (DIN)†	2,485
Gross Vehicle Weight (GVW)	3,250
TOWING (kg)	
Unbraked trailer	750
Maximum towing	3,500
Maximum coupling point (nose weight)	150
Maximum vehicle and trailer combination	6,750
ROOF CARRYING (kg)††	
Maximum roof load (including cross bars)	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.

ENGINES

			DIESEL MHEV	
ENGINE			D300	D350
Mild Hybrid Electric Vehicle (MHEV)			■	■
Transmission			Automatic	Automatic
Driveline			All Wheel Drive (AWD)	All Wheel Drive (AWD)
Maximum power (HP / rpm)			300 / 4,000	350 / 4,000
Maximum torque (Nm / rpm)			650 / 1,500-2,500	700 / 1,500-3,000
Capacity (cc)			2,997	2,998
No. of cylinders / Valves per cylinder			6 / 4	6 / 4
Cylinder layout			In-line	In-line
Bore / stroke (mm)			83 / 92.31	83 / 92.31
Compression ratio (:1)			15.5	15.5
FUEL ECONOMY – WLTP*				
Low			26.2-22.9 (10.8-12.3)	25.8-23.5 (11.0-12.0)
Medium			36.7-35.0 (7.7-8.1)	36.5-35.4 (7.7-8.0)
High			48.5-44.5 (5.8-6.3)	48.2-45.0 (5.9-6.3)
Extra High			39.8-35.9 (7.1-7.9)	39.6-36.2 (7.1-7.8)
Combined			38.5-35.1 (7.3-8.0)	38.3-35.5 (7.4-7.9)
Low			283-324	288-315
Medium			202-211	203-210
High			153-166	154-164
Extra High			186-206	187-204
Combined			192-211	193-208
Fuel tank capacity - useable litres			80	80
Selective Catalytic Reduction Filter / Gasoline Particulate Filter (SCR / 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. CO₂ and fuel economy figures may vary according to factors such as driving styles, environmental conditions, load, wheel fitment and accessories fitted.

ENGINES

	DIESEL MHEV	
	D300	D350
PERFORMANCE		
Acceleration (secs) 0-60 mph (0-100)km/h with Dynamic Launch	6.3 (6.6)	5.6 (5.9)
Maximum speed mph (km/h)	135 (218)	145 (234)
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	Electric Park Brake (EPB) integrated into brake caliper
WEIGHTS (kg)*		
Unladen weight (EU)**	2,390	2,435
Unladen weight (DIN)†	2,315	2,360
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)	350	350
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.

DIMENSIONS AND CAPABILITIES

VEHICLE HEIGHT

Standard ride height 1,820mm
 Access height air suspension setting will reduce the above by 50mm

OBSTACLE CLEARANCE

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

TURNING CIRCLE

Kerb-to-kerb Two wheel steering 12.53m
 Kerb-to-kerb Four wheel steering 10.95m
 Wall-to-wall Two wheel steering 12.73m
 Wall-to-wall Four wheel steering 11.42m
 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

LOADSPACE CAPACITY**

Height 844mm
 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

Width 2,047mm mirrors folded
 Width 2,209mm mirrors out



Front wheel track 1,702mm
 (SV 1,714mm)

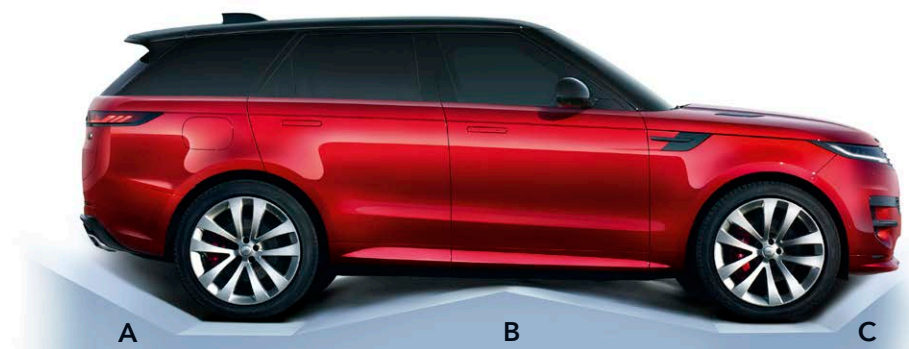
Height 1,820mm
 (SV 1,814mm)



Rear wheel track 1,704mm
 (SV 1,723mm)

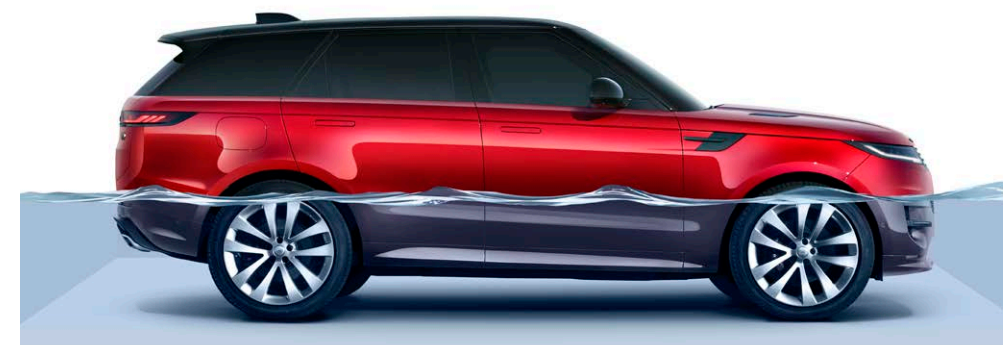


Wheelbase 2,997mm



	A	B	C
Ride Height	Departure Angle	Ramp Angle	Approach Angle
Off-road	30.0°	26.9° / 24.5°†	33.0° / 29.7°††
Standard	24.9°	21.5° / 19.1°†	26.1° / 22.5°††

Standard overall length 4,946mm



Wading depth 900mm

*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.

†On PHEV models. ††On Dynamic models.

Figures shown may differ on SV models.