

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 (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)			2.997	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 – NEDC*				
NEDC Consumption	Urban	l/100km	-	-
	Extra Urban	l/100km	-	-
	Combined	l/100km	From 1,6	From 1,6
NEDC CO ₂ Emissions	Urban	g/km	-	-
	Extra Urban	g/km	-	-
	Combined	g/km	From 37	From 37
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)	0,7-0,8 (403,5-357,6)	0,7-0,8 (397,9-362,2)
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 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. 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) 0-100 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)	125 (78)	125 (78)
EV Range Combined (WLTP**) km (miles)	123 (76)	121 (75)
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)	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

ENGINE			PETROL MHEV	
			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 / 1.750-5.000	550 / 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 – NEDC*				
NEDC Consumption	Urban	l/100km	From 12,2	From 12,2
	Extra Urban	l/100km	From 7,8	From 7,8
	Combined	l/100km	From 9,4	From 9,4
NEDC CO ₂ Emissions	Urban	g/km	From 283	From 283
	Extra Urban	g/km	From 182	From 182
	Combined	g/km	From 219	From 219
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 ₂ 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 (SCR / GPF)			■	■

■ Standard.

*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. 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	
	P360	P400
PERFORMANCE		
Acceleration (secs) 0-100 km/h (0-60 mph) with Dynamic Launch	6,0 (5,7)	5,7 (5,4)
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)†	2.265	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)	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.

ENGINES

			PETROL MHEV V8	
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 [†] / 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 16,2	-
	Extra Urban	l/100km	From 9,2	-
	Combined	l/100km	From 11,8	-
NEDC CO ₂ Emissions	Urban	g/km	From 380	-
	Extra Urban	g/km	From 214	-
	Combined	g/km	From 275	-
FUEL ECONOMY – WLTP**				
WLTP Consumption	Low	l/100km (mpg)	19,3-19,5 (14,6-14,5)	19,7-20,3 (14,4-13,9)
	Medium	l/100km (mpg)	11,0-11,5 (25,7-24,5)	11,4-12,2 (24,8-23,2)
	High	l/100km (mpg)	9,1-9,6 (30,9-29,5)	9,7-10,4 (29,2-27,3)
	Extra High	l/100km (mpg)	10,0-10,7 (28,2-26,3)	10,8-11,5 (26,3-24,6)
	Combined	l/100km (mpg)	11,2-11,7 (25,2-24,1)	11,7-12,5 (24,1-22,7)
WLTP CO ₂ Emissions	Low	g/km	438-442	447-460
	Medium	g/km	250-261	259-276
	High	g/km	207-217	220-235
	Extra High	g/km	227-243	244-260
	Combined	g/km	254-265	267-282
Fuel tank capacity - useable litres			90	90
Selective Catalytic Reduction Filter / Gasoline Particulate Filter (SCR / 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. 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	
	P530	P635
PERFORMANCE		
Acceleration (secs) 0-100 km/h (0-60 mph) with Dynamic Launch	4,5 (4,3)	3,8 (3,6)†
Maximum speed km/h (mph)	250 (155)	290 (180)
BRAKES		
Front type	Ventilated disc	Ventilated disc
Front diameter (mm)	400	420 (440)‡
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)**	2.505	2.560
Unladen weight (DIN)†	2.430	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)	350	330
Maximum vehicle and trailer combination	6.720	6.750
ROOF CARRYING (kg)††		
Maximum roof load (including cross bars)	100	100

ENGINES

ENGINE			DIESEL MHEV		
			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)	10,8-12,3 (26,2-22,9)	10,8-12,3 (26,2-22,9)	11,0-12,0 (25,8-23,5)
	Medium	l/100km (mpg)	7,7-8,1 (36,7-35,0)	7,7-8,1 (36,7-35,0)	7,7-8,0 (36,5-35,4)
	High	l/100km (mpg)	5,8-6,3 (48,5-44,5)	5,8-6,3 (48,5-44,5)	5,9-6,3 (48,2-45,0)
	Extra High	l/100km (mpg)	7,1-7,9 (39,8-35,9)	7,1-7,9 (39,8-35,9)	7,1-7,8 (39,6-36,2)
	Combined	l/100km (mpg)	7,3-8,0 (38,5-35,1)	7,3-8,0 (38,5-35,1)	7,4-7,9 (38,3-35,5)
WLTP CO ₂ Emissions	Low	g/km	284-323	284-323	288-315
	Medium	g/km	202-211	202-211	203-210
	High	g/km	154-167	154-167	154-164
	Extra High	g/km	189-207	189-207	187-204
	Combined	g/km	192-211	192-211	193-208
Fuel tank capacity - useable litres			80	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		
	D250	D300	D350
PERFORMANCE			
Acceleration (secs) 0-100 km/h (0-60 mph) with Dynamic Launch	8,0 (7,5)	6,6 (6,3)	5,9 (5,6)
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)	350	350	350
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.

ENGINES

ENGINE			DIESEL		
			D250	D300	D350
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 / 1.250-2.250	650 / 1.500-2.500	700 / 1.500-3.000
Capacity (cc)			2.997	2.997	2.997
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 – NEDC*					
NEDC Consumption	Urban	l/100km	From 9,8	From 9,8	From 9,8
	Extra Urban	l/100km	From 6,1	From 6,1	From 6,1
	Combined	l/100km	From 7,4	From 7,4	From 7,4
NEDC CO ₂ Emissions	Urban	g/km	From 259	From 259	From 259
	Extra Urban	g/km	From 160	From 160	From 160
	Combined	g/km	From 196	From 196	From 196
Fuel tank capacity - useable litres			80	80	80
Selective Catalytic Reduction Filter / Gasoline Particulate Filter (SCR / GPF)			■	■	■

■ Standard.

*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.

ENGINES

	DIESEL		
	D250	D300	D350
PERFORMANCE			
Acceleration (secs) 0-100 km/h (0-60 mph) with Dynamic Launch	8,0 (7,5)	6,6 (6,3)	5,9 (5,6)
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 caliper	Electric Park Brake (EPB) integrated into caliper	Electric Park Brake (EPB) integrated into 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 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



*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.