

TECHNICAL SPECIFICATION 2024

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.

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 ELECTRIC HYBRID (PHEV) | |
|--|------------|----------------|-------------------------------|-----------------------|
| | | | P460e | P550e |
| ENGINE | | | ■ | ■ |
| Plug-in Hybrid Electric Vehicle (PHEV) | | | | |
| Transmission | | | Automatic | Automatic |
| Driveline | | | All Wheel Drive (AWD) | All Wheel Drive (AWD) |
| Maximum power (PS / 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) | | | 2,996 | 2,996 |
| 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/100 km) | - | - |
| | Medium | mpg (l/100 km) | - | - |
| | High | mpg (l/100 km) | - | - |
| | Extra High | mpg (l/100 km) | - | - |
| | Combined | mpg (l/100 km) | 409.4-328.5 (0.7-0.9) | 392.3-332.3 (0.7-0.8) |
| WLTP CO ₂ Emissions | Low | g/km | - | - |
| | Medium | g/km | - | - |
| | High | g/km | - | - |
| | Extra High | g/km | - | - |
| | Combined | g/km | 16-20 | 16-19 |
| 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 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) 0-60 mph (0-100 km/h) | 5.3 (5.5) | 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 (122) | 75 (120) |
| 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 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 V8 MILD HYBRID (MHEV) |
|---|------------|----------------|--------------------------------|
| | | | P635 |
| ENGINE | | | |
| Transmission | | | Automatic |
| Driveline | | | All Wheel Drive (AWD) |
| Maximum power (PS / 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) | 14.3-13.9 (19.7-20.3) |
| | Medium | mpg (l/100 km) | 24.6-23.2 (11.5-12.2) |
| | High | mpg (l/100 km) | 28.9-27.2 (9.8-10.4) |
| | Extra High | mpg (l/100 km) | 26.1-24.5 (10.8-11.5) |
| | Combined | mpg (l/100 km) | 23.9-22.7 (11.8-12.5) |
| WLTP CO ₂ Emissions | Low | g/km | 448-460 |
| | Medium | g/km | 261-277 |
| | High | g/km | 221-235 |
| | Extra High | g/km | 246-261 |
| | Combined | g/km | 268-283 |
| Fuel tank capacity - useable litres | | | 90 |
| Selective Catalytic Reduction Filter / Gasoline Particulate Filter (SCRF / 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 V8 MILD HYBRID (MHEV) |
|---|---|
| | P635 |
| PERFORMANCE | |
| Acceleration (secs) 0-60 mph (0-100 km/h) with Dynamic Launch | 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) | 330 |
| Maximum vehicle and trailer combination | 6,750 |
| ROOF CARRYING (kg)^{††} | |
| Maximum roof load (including cross bars) | 100 |

ENGINES

| ENGINE | | | DIESEL MILD HYBRID (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 / rpm) | | | 249 / 4,000 | 300 / 4,000 | 350 / 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 | mpg (l/100 km) | 25.1-23.6 (11.3-12.0) | 25.2-23.7 (11.2-11.9) | 25.0-23.9 (11.3-11.8) |
| | Medium | mpg (l/100 km) | 40.7-38.4 (6.9-7.4) | 40.8-38.5 (6.9-7.3) | 40.5-38.8 (7.0-7.3) |
| | High | mpg (l/100 km) | 49.2-44.3 (5.7-6.4) | 49.3-44.4 (5.7-6.4) | 49.0-44.9 (5.8-6.3) |
| | Extra High | mpg (l/100 km) | 41.4-36.2 (6.8-7.8) | 41.4-36.1 (6.8-7.8) | 41.2-36.6 (6.9-7.7) |
| | Combined | mpg (l/100 km) | 39.8-36.1 (7.1-7.8) | 39.8-36.2 (7.1-7.8) | 39.6-36.5 (7.1-7.7) |
| WLTP CO ₂ Emissions | Low | g/km | 295-314 | 295-313 | 297-310 |
| | Medium | g/km | 182-193 | 182-193 | 183-191 |
| | High | g/km | 150-167 | 150-167 | 151-165 |
| | Extra High | g/km | 179-205 | 179-205 | 180-203 |
| | Combined | g/km | 186-205 | 186-205 | 187-203 |
| 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 MILD HYBRID (MHEV) | | |
|---|---|---|---|
| | D250 | D300 | D350 |
| PERFORMANCE | | | |
| Acceleration (secs) 0-60 mph (0-100 km/h) with Dynamic Launch | 7.3 (7.7) | 6.1 (6.4) | 5.5 (5.8) |
| Maximum speed mph (km/h) | 128 (206) | 135 (218) | 145 (234) |
| 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 12.73m
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

OBSTACLE CLEARANCE

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

APPROACH AND DEPARTURE CLEARANCE

Standard
Approach Angle - 26.1° / 22.5°^{††}
Departure Angle - 24.9°
Ramp Angle - 21.5° / 19.1°[†]

Off-road
Approach Angle - 33.0° / 29.7°^{††}
Departure Angle - 29.8°
Ramp Angle - 26.9° / 24.5°[†]

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



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

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



Standard overall length 4,946mm



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.

[†]On PHEV models. ^{††}On Dynamic models.

Figures shown may differ on SV models.