

TECHNICAL SPECIFICATION 2024

DISCOVERY
SPORT



ENGINES AND TECHNICAL SPECIFICATION

Discovery Sport features advanced engine options, providing new levels of performance, efficiency, and refinement. There is a plug-in electric hybrid (PHEV) engine for all-electric, zero tailpipe emissions driving, as well as petrol and diesel 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)
			P270e
ENGINE			■
Plug-in Hybrid Electric Vehicle (PHEV)			
Transmission			Automatic
Driveline			All Wheel Drive (AWD)
Maximum power (HP / rpm)			269* / 5,000-5,500
Maximum torque (Nm / rpm)			540* / 2,000 - 3,250*
Capacity (cc)			1,498
No. of cylinders / Valves per cylinder			3 / 4
Cylinder layout			Inline
Bore / stroke (mm)			83.0 / 92.3
Compression ratio (:1)			10.5+ / -0.5
FUEL ECONOMY – WLTP**			
Seating			5
WLTP Consumption	Combined	mpg (l/100 km)	185.3-170.0 (1.5-1.7)
WLTP CO ₂ Emissions	Combined	(g/km)	35-38
Fuel tank capacity - useable litres			58

■ Standard - Not Available.

*When combined with electric motor. **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)
BATTERY AND CHARGING TIMES	P270e
Home Charger / Wall box 7 kW	2 hours 12 minutes to 100%
Rapid DC Charger 50 kW	30 mins to 80%
Domestic Plug 2.3 kW	6 hours 42 minutes to 100%
Battery capacity Total (Usable) kWh	15 (12.17)
Charging cable length (m)	5
PERFORMANCE	
Acceleration (secs) 0-60 mph (0-100 km/h)	7.0 (7.4)
Maximum speed mph (km/h)	118 (190)
ELECTRIC MOTOR DATA	
Maximum power HP (kW)	109 (80)
Maximum torque (Nm)	260
EV Range Combined (WLTP*) miles (km)	37.3-36 (60-58)
EV Range expected Real World data (up to) miles (km)	28 (46)
BRAKES	
Front type	Twin piston, sliding caliper, Vented discs
Front diameter (mm)	349
Rear type	Single piston, sliding caliper, Vented discs
Rear diameter (mm)	325
Park brake diameter (mm)	325
WEIGHTS (kg)**	
Unladen weight (EU) [†]	2,168
Unladen weight (DIN) ^{††}	2,093
Gross Vehicle Weight (GVW)	2,750
TOWING (kg)	
Seating	5
Unbraked trailer	750
Maximum towing	Up to 1,600
Maximum coupling point (nose weight)	100
Maximum vehicle and trailer combination	4,350
ROOF CARRYING (kg)	
Maximum roof load (including cross bars) [‡]	75

*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 load reduced to 60kg when Summer Tyres are fitted.

ENGINES

ENGINE			DIESEL MILD HYBRID (MHEV)	
			D165	D200
Mild Hybrid Electric Vehicle (MHEV)			■	■
Transmission			Automatic	Automatic
Driveline			All Wheel Drive (AWD)	All Wheel Drive (AWD)
Maximum power (HP / rpm)			163 / 3,500-4,250	204 / 3,750
Maximum torque (Nm / rpm)			380 / 1,500-2,500	430 / 1,750-2,500
Capacity (cc)			1,998	1,998
No. of cylinders / Valves per cylinder			4 / 4	4 / 4
Cylinder layout			Inline	Inline
Bore / stroke (mm)			83.0 / 92.3	83.0 / 92.3
Compression ratio (:1)			16.5+ / -0.5	16.5+ / -0.5
FUEL ECONOMY – WLTP*				
Seating			5 / 5 + 2	5 / 5 + 2
WLTP Consumption	Low	mpg (l/100 km)	36.1-34.2 (7.8-8.3) / 34.9-33.5 (8.1-8.4)**	36.1-33.2 (7.8-8.5) / 34.9-33.5 (8.1-8.4)**
	Medium	mpg (l/100 km)	41.7-39.2 (6.8-7.2) / 40.3-38.5 (7.0-7.3)	41.7-37.9 (6.8-7.5) / 40.3-38.4 (7.0-7.4)
	High	mpg (l/100 km)	49.6-47.5 (5.7-6.0) / 48.6-46.8 (5.8-6.0)	49.6-45.9 (5.7-6.2) / 48.6-46.7 (5.8-6.0)
	Extra High	mpg (l/100 km)	42.4-40.4 (6.7-7.0) / 41.8-39.7 (6.8-7.1)	42.4-39.1 (6.7-7.2) / 41.8-39.7 (6.8-7.1)
	Combined	mpg (l/100 km)	43.1-41.1 (6.5-6.9) / 42.2-40.4 (6.7-7.0)	43.2-39.7 (6.5-7.1) / 42.2-40.3 (6.7-7.0)
WLTP CO ₂ Emissions	Low	(g/km)	205-217 / 212-221**	205-223 / 212-221**
	Medium	(g/km)	178-189 / 184-193	178-195 / 184-193
	High	(g/km)	149-156 / 152-158	149-161 / 152-159
	Extra High	(g/km)	174-183 / 177-186	174-189 / 177-186
	Combined	(g/km)	172-180 / 175-183	171-186 / 175-184

■ 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. **When Efficiency Pack fitted.

ENGINES

	DIESEL MILD HYBRID (MHEV)	
	D165	D200
FUEL ECONOMY – CONTINUED		
Fuel tank capacity - useable litres	65	65
Diesel Exhaust Fluid (DEF) - useable litres	17	17
PERFORMANCE		
Seating	5 / 5 + 2	5 / 5 + 2
Acceleration (secs) 0-60 mph (0-100 km/h)	9.5 / 9.8 (10.2 / 10.6)	8.1 / 8.3 (8.6 / 8.9)
Maximum speed mph (km/h)	112 (180)	117 (188)
BRAKES		
Front type	Single Piston, sliding caliper, Vented discs (17" wheels) Twin piston, sliding caliper, Vented discs (18"-21" wheels)	Single Piston, sliding caliper, Vented discs (17" wheels) Twin piston, sliding caliper, Vented discs (18"-21" wheels)
Front diameter (mm)	325 (17" wheels) 349 (18"-21" wheels)	325 (17" wheels) 349 (18"-21" wheels)
Rear type	Single piston, sliding caliper, Solid discs / Single piston, sliding caliper, Vented discs	Single piston, sliding caliper, solid discs / Single piston, sliding caliper, vented discs
Rear diameter (mm)	300 / 325	300 / 325
Park brake diameter (mm)	300 / 325	300 / 325
WEIGHTS (kg)*		
Seating	5 / 5 + 2	5 / 5 + 2
Unladen weight (EU)**	1,949 / 2,028	1,949 / 2,028
Unladen weight (DIN)†	1,874 / 1,953	1,874 / 1,953
Gross Vehicle Weight (GVW)	2,590 / 2,750	2,590 / 2,750
TOWING (kg)		
Seating	5 / 5 + 2	5 / 5 + 2
Unbraked trailer	750	750
Maximum towing	Up to 2,200	Up to 2,500 / Up to 2,200
Maximum coupling point (nose weight)	100	100
Maximum vehicle and trailer combination	4,790 / 4,950	5,090 / 4,950
ROOF CARRYING (kg)		
Maximum roof load (including cross bars)††	75	75

*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 load reduced to 60kg when Summer Tyres are fitted.

DIMENSIONS AND CAPABILITIES

DIMENSIONS

Maximum height 1,727mm
 Overall length 4,597mm
 Width 2,069mm mirrors folded
 Width 2,173mm mirrors out
 Front wheel track 1,625.2mm
 Rear wheel track 1,631.3mm
 Wheelbase 2,741mm

TURNING CIRCLE

Kerb-to-kerb 11.8m
 Wall-to-wall 12.14m
 Turns lock-to-lock 2.31

WADING DEPTH

Maximum wading depth 600mm

HEADROOM

Maximum front / rear headroom with standard roof 1,003mm / 984mm
 Maximum front / rear headroom with panoramic roof 1,021mm / 984mm

LEGROOM

Maximum front legroom 993mm
 Maximum rear legroom second row 968mm
 Maximum rear legroom third row 665mm

LOADSPACE CAPACITY

Height 785mm, Width 1,323mm
 Loadspace width between arches 1,107mm

5 seats

Length behind first row 1,771mm
 Length behind second row 980mm
 Maximum loadspace volume behind first row
 Dry* 1,574 litres, Wet** 1,794 litres
 Maximum loadspace volume behind second row
 Dry* 780 litres, Wet** 897 litres

5 + 2 seats

Length behind first row 1,824mm
 Length behind second row 967mm
 Length behind third row 225mm
 Maximum loadspace volume behind first row
 Dry* 1,451 litres, Wet** 1,651 litres
 Maximum loadspace volume behind second row
 Dry* 657 litres, Wet** 754 litres
 Maximum loadspace volume behind third row
 Dry* 115 litres, Wet** 157 litres

OBSTACLE CLEARANCE

Standard ride height 210mm

APPROACH AND DEPARTURE CLEARANCE

Approach Angle - 24.9°[†]
 Departure Angle - 28.3°
 Ramp Angle - 20.4°^{††}



Width 2,069mm mirrors folded
 Width 2,173mm mirrors out



Maximum height 1,727mm



Overall length 4,597mm



Rear wheel track 1,631.3mm

Weights and dimensions shown apply to standard-specification, unladen vehicles, which may be affected by optional features and equipment.

*Dry: volume as measured with Verband Der Automobilindustrie-compliant solid blocks (200mm x 50mm x 100mm). **Wet: volume as measured by simulating the loadspace filled with liquid. Figures are representative of seats fully forward and not tilted. †Approach Angle for P270e will be 25.0°. Fitting of side tubes or side steps may affect the off-road capability of the vehicle. Challenging off-road driving requires full training and experience. ††Ramp Angle for P270e will be 19.9°. Fitting of side tubes or side steps may affect the off-road capability of the vehicle. Challenging off-road driving requires full training and experience.

Vehicle shown is Dynamic HSE in Varesine Blue with optional features fitted (market dependent).