

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.

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## ENGINES

View the available engines, their fuel economy and specifications.

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## DIMENSIONS AND CAPABILITIES

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

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ENGINES

			PETROL ELECTRIC HYBRID (PHEV)		
ENGINE			P270e		P300e
Plug-in Hybrid Electric Vehicle (PHEV)			■		■
Transmission			Automatic		Automatic
Driveline			All Wheel Drive (AWD)		All Wheel Drive (AWD)
Maximum power (PS / kW / rpm)			269* / 198* / 5.000-5.500		309* / 227* / 5.500*
Maximum torque (Nm / rpm)			540* / 2.000 - 3.250*		540* / 2.000-2.500*
Capacity (cc)			1.498		1.498
No. of cylinders / Valves per cylinder			3 / 4		3 / 4
Cylinder layout			Transverse		Transverse
Bore / stroke (mm)			83,0 / 92,3		83,0 / 92,3
Compression ratio (:1)			10,5+ / -0,5		10,5+ / -0,5
FUEL ECONOMY**					
Seating			5		5
Consumption	Combined	l/100km	-		2,1
CO <sub>2</sub> Emissions	Combined	(g/km)	-		49
FUEL ECONOMY – WLTP†					
Seating			5		5
WLTP Consumption	Combined	l/100km (mpg)	1,5-1,7 (187,1-170,2)		-
WLTP CO <sub>2</sub> Emissions	Combined	(g/km)	34-38		-
Fuel tank capacity - useable litres			58		57

■ Standard – Not Available.

\*When combined with electric motor. \*\*The figures provided are NEDC calculated from official manufacturer’s tests. 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. CO<sub>2</sub>, 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	P300e
Home Charger / Wall box 7kW	2 hours 12 minutes to 100%	2 hours 12 minutes to 100%
Rapid DC Charger 50kW	30 mins to 80%	30 mins to 80%
Domestic Plug 2,3kW	6 hours 42 minutes to 100%	6 hours 42 minutes to 100%
Battery capacity Total (Usable) kWh	15 (12,17)	15 (12,17)
Charging cable length (m)	5	5
Performance		
Acceleration (secs) 0-100 km/h (0-60 mph)	7,4 (7,0)	6,6 (6,2)
Maximum speed km/h (mph)	190 (118)	209 (130)
Electric Motor Data		
Maximum power PS (kW)	109 (80)	109 (80)
Maximum torque (Nm)	260	260
EV Range Class A Combined (NEDC2*) km	-	66
EV Range Combined (WLTP**) km (miles)	60-58 (37-36)	-
EV Range expected Real World data (up to) km (miles)	46 (28)	47 (29)
Brakes		
Front type	Twin piston, sliding caliper, Vented discs	Twin piston, sliding caliper, Vented discs
Front diameter (mm)	349	349
Rear type	Single piston, sliding caliper, Vented discs	Single piston, sliding caliper, Vented discs
Rear diameter (mm)	325	325
Park brake diameter (mm)	325	325
Weights (kg)†		
Seating	5	5
Unladen weight (EU)††	2.168	-
Unladen weight (DIN)‡	2.093	-
Gross Vehicle Weight (GVW)	2.750	2.750
Towing (kg)		
Seating	5	5
Unbraked trailer	750	750
Maximum towing	Up to 1.600	Up to 1.600
Maximum coupling point (nose weight)	100	100
Maximum vehicle and trailer combination	4.350	4.350
Roof Carrying (kg)		
Maximum roof load (including cross bars)††	75	75

- 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. CO<sub>2</sub> , 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

	PETROL MILD HYBRID (MHEV)	
PERFORMANCE	P200	P250
Seating	5 / 5 + 2	5 / 5 + 2
Acceleration (secs) 0-100 km/h (0-60 mph)	8,9 / 9,2 (8,3 / 8,6)	7,8 / 8,1 (7,3 / 7,5)
Maximum speed km/h (mph)	207 / 206 (129 / 128)	225 / 224 (140 / 139)*
BRAKES		
Front type	Single Piston, sliding caliper, Vented discs (17" wheels) Twin piston, sliding caliper, Vented discs (18"-21" wheels)	Twin piston, sliding caliper, Vented discs
Front diameter (mm)	325 (17" wheels) 349 (18"-21" wheels)	349
Rear type	Single piston, sliding caliper, Solid discs / Single piston, sliding caliper, Vented discs	Single piston, sliding caliper, Vented discs
Rear diameter (mm)	300 / 325	325
Park brake diameter (mm)	300 / 325	325
WEIGHTS (kg)**		
Seating	5 / 5 + 2	5 / 5 + 2
Unladen weight (EU)†	1.902 / 1.979	1.939 / 2.017
Unladen weight (DIN)††	1.827 / 1.904	1.864 / 1.942
Gross Vehicle Weight (GVW)	2.550 / 2.700	2.550 / 2.700
TOWING (kg)		
Seating	5 / 5 + 2	5 / 5 + 2
Unbraked trailer	750	750
Maximum towing	Up to 2.000	Up to 2.000
Maximum coupling point (nose weight)	100	100
Maximum vehicle and trailer combination	4.550 / 4.700	4.550 / 4.700
ROOF CARRYING (kg)		
Maximum roof load (including cross bars)‡	75	75

\*If vehicle is fitted with 18" wheels the top speed will be 221km/h (137mph). \*\*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

			PETROL		
ENGINE			P200		P250
Transmission			Automatic		Automatic
Driveline			All Wheel Drive (AWD)		All Wheel Drive (AWD)
Maximum power (PS / kW / rpm)			200 / 147 / 4.500-5.500		249 / 184 / 5.500
Maximum torque (Nm / rpm)			320 / 1.200-4.000		365 / 1.300-4.500
Capacity (cc)			1.997		1.997
No. of cylinders / Valves per cylinder			4 / 4		4 / 4
Cylinder layout			Transverse		Transverse
Bore / stroke (mm)			83,0 / 92,3		83,0 / 92,3
Compression ratio (:1)			10,5+ / -0,5		10,5+ / -0,5
FUEL ECONOMY*					
Seating			5 / 5 + 2		5 / 5 + 2
Consumption	Combined	l/100km	8,4 / 8,4		8,4 / 8,4
CO <sub>2</sub> Emissions	Combined	(g/km)	195 / 195		195 / 195
Fuel tank capacity - useable litres			67		67
PERFORMANCE					
Seating			5 / 5 + 2		5 / 5 + 2
Acceleration (secs) 0-100 km/h (0-60 mph)			8,9 / 9,2 (8,3 / 8,6)		7,8 / 8,1 (7,3 / 7,5)
Maximum speed km/h (mph)			209 / 206 (130 / 128)		225 / 224 (140 / 139)**

\*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. \*\*If vehicle is fitted with 18" wheels the top speed will be 221km/h (137mph).

Engines

BRAKES	PETROL	
	P200	P250
Front type	Single Piston, sliding caliper, Vented discs (17" wheels) Twin piston, sliding caliper, Vented discs (18"-21" wheels)	Twin piston, sliding caliper, Vented discs
Front diameter (mm)	325 (17" wheels) 349 (18"-21" wheels)	349
Rear type	Single piston, sliding caliper, Solid discs / Single piston, sliding caliper, Vented discs	Single piston, sliding caliper, Vented discs
Rear diameter (mm)	300 / 325	325
Park brake diameter (mm)	300 / 325	325
WEIGHTS (kg)*		
Seating	5 / 5 + 2	5 / 5 + 2
Gross Vehicle Weight (GVW)	2.550 / 2.700	2.550 / 2.700
TOWING (kg)		
Seating	5 / 5 + 2	5 / 5 + 2
Unbraked trailer	750	750
Maximum towing	Up to 2.000	Up to 2.000
Maximum coupling point (nose weight)	100	100
Maximum vehicle and trailer combination	4.550 / 4.700	4.550 / 4.700
ROOF CARRYING (kg)		
Maximum roof load (including cross bars)**	75	75

\*Weights reflect vehicles to standard specifications. Optional extras increase weight. \*\*Roof carrying load reduced to 60kg when Summer Tyres are fitted.



Engines

			DIESEL MILD HYBRID (MHEV)		
ENGINE			D165		D200
Mild Hybrid Electric Vehicle (MHEV)			■		■
Transmission			Automatic		Automatic
Driveline			All Wheel Drive (AWD)		All Wheel Drive (AWD)
Maximum power (PS / kW / rpm)			163 / 120 / 3.500-4.250		204 / 150 / 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			Transverse		Transverse
Bore / stroke (mm)			83,0 / 92,3		83,0 / 92,3
Compression ratio (:1)			16,5+ / -0,5		16,5+ / -0,5
FUEL ECONOMY*					
Seating			5 / 5 + 2		5 / 5 + 2
Consumption	Combined	l/100km	TBC / TBC		TBC / TBC
CO <sub>2</sub> Emissions	Combined	(g/km)	TBC / TBC		TBC / TBC
FUEL ECONOMY – WLTP**					
Seating			5 / 5 + 2		5 / 5 + 2
WLTP Consumption	Low	l/100km (mpg)	7,8-8,3 (36,1-34,2) / 8,1-8,4 (34,9-33,5) <sup>†</sup>		7,8-8,5 (36,1-33,2) / 8,1-8,4 (34,9-33,5) <sup>†</sup>
	Medium	l/100km (mpg)	6,8-7,2 (41,7-39,2) / 7,0-7,3 (40,3-38,5)		6,8-7,5 (41,7-37,9) / 7,0-7,4 (40,3-38,4)
	High	l/100km (mpg)	5,7-6,0 (49,6-47,5) / 5,8-6,0 (48,6-46,8)		5,7-6,2 (49,6-45,9) / 5,8-6,0 (48,6-46,7)
	Extra High	l/100km (mpg)	6,7-7,0 (42,4-40,4) / 6,8-7,1 (41,8-39,7)		6,7-7,2 (42,4-39,1) / 6,8-7,1 (41,8-39,7)
	Combined	l/100km (mpg)	6,5-6,9 (43,1-41,1) / 6,7-7,0 (42,2-40,4)		6,5-7,1 (43,2-39,7) / 6,7-7,0 (42,2-40,3)
WLTP CO <sub>2</sub> Emissions	Low	(g/km)	205-217 / 212-221 <sup>†</sup>		205-223 / 212-221 <sup>†</sup>
	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.

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Engines

	DIESEL MILD HYBRID (MHEV)	
FUEL ECONOMY – CONTINUED	D165	D200
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) 0-100 km/h (0-60 mph)	10,2 / 10,6 (9,5 / 9,8)	8,6 / 8,9 (8,1 / 8,3)
Maximum speed km/h (mph)	195 / 193 (121 / 120)	209 / 209 (130 / 130)
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, Vented discs (17" wheels) Single piston, sliding caliper, Solid discs (18"-21" wheels) / Single piston, sliding caliper, Vented discs
Rear diameter (mm)	300 / 325	325 (17" wheels) 300 (18"-21" wheels) / 325
Park brake diameter (mm)	300 / 325	325 (17" wheels) 300 (18"-21" wheels) / 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.

ENGINES

			DIESEL		
ENGINE			D165		D200
Transmission			Automatic		Automatic
Driveline			All Wheel Drive (AWD)		All Wheel Drive (AWD)
Maximum power (PS / kW / rpm)			163 / 120 / 3.500-4.250		199 / 146 / 3.750-4.000
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			Transverse		Transverse
Bore / stroke (mm)			83,0 / 92,3		83,0 / 92,3
Compression ratio (:1)			16,5+ / -0,5		16,5+ / -0,5
FUEL ECONOMY*					
Seating			5 / 5 + 2		5 / 5 + 2
Consumption	Combined	l/100km	6,1 / 6,1		6,1 / 6,1
CO <sub>2</sub> Emissions	Combined	(g/km)	161 / 161		161 / 161
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) 0-100 km/h (0-60 mph)			10,2 / 10,6 (9,5 / 9,8)		8,6 / 8,9 (8,1 / 8,3)
Maximum speed km/h (mph)			195 / 195 (121 / 121)		209 / 209 (130 / 130)

\*The figures provided are NEDC calculated from official manufacturer’s tests. For comparison purposes only. Real-world figures may differ.

Engines

	DIESEL	
Brakes	D165	D200
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, Vented discs (17" wheels) Single piston, sliding caliper, Solid discs (18"-21" wheels) / Single piston, sliding caliper, Vented discs
Rear diameter (mm)	300 / 325	325 (17" wheels) 300 (18"-21" wheels) / 325
Park Brake	300 / 325	325 (17" wheels) 300 (18"-21" wheels) / 325
Weights (kg)*		
Seating	5 / 5 + 2	5 / 5 + 2
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 2.200
Maximum coupling point (nose weight)	100	100
Maximum vehicle and trailer combination	4.790 / 4.950	4.790 / 4.950
Roof Carrying (kg)		
Maximum roof load (including cross bars)**	75	75

\*Weights reflect vehicles to standard specifications. Optional extras increase weight. \*\*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 798mm, Width 1.323mm
Loadspace width between arches 1.107mm
Length behind first row 1.824mm
Length behind second row 967mm
<b>5 seats</b>
Maximum loadspace volume behind first row
Dry* 1.574 litres, Wet** 1.794 litres
Maximum loadspace volume behind second row
Dry* 963 litres, Wet** 1.179 litres
<b>5 + 2 seats</b>
Maximum loadspace volume behind first row
Dry* 1.451 litres, Wet** 1.651 litres
Maximum loadspace volume behind second row
Dry* 840 litres, Wet** 1.046 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 and P300e 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 and P300e 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).