



# TECHNICAL SPECIFICATIONS

## FORD EXPLORER PLUG-IN HYBRID SPECIFICATIONS

### PERFORMANCE AND ECONOMY

Hybrid engines			CO <sub>2</sub> from (g/km NEDC)	Fuel consumption from (l/100 km NEDC)	Fuel consumption from (l/100 km WLTP)	CO <sub>2</sub> from (g/km WLTP)	
	Power PS	Wheel size inch	Combined	Combined	Overall	Overall	
3.0-litre EcoBoost Plug-In Hybrid 10-speed automatic	457	20	66	2.9	3.1	71	
		Electric range NEDC			48 km		
		Equivalent all-electric range overall WLTP			42 km		
		Equivalent all-electric range city WLTP			44 km		

Hybrid engines	Power PS	Performance	
		Max speed km/h	0-100 km/h sec
3.0-litre EcoBoost Plug-In Hybrid 10-speed automatic	457	230	6.0

### WEIGHTS AND DIMENSIONS

	Kerb weight (kg)*	Gross Vehicle Mass (kg)	Gross Train Mass (kg)	Max. Towable Mass (braked) (kg)	Max. Towable Mass (unbraked) (kg)	Nose weight (kg)	Roof load (kg)
3.0-litre EcoBoost Plug-In Hybrid 10-speed automatic	2466	3160	5660	2500	750	100	35

\* Represents the lightest kerbweight assuming driver at 75 kg, full fluid levels and 90 per cent fuel levels, subject to manufacturing tolerances and options, etc., fitted.

Towing limits quoted represent the maximum towing ability of the vehicle at its Gross Vehicle Mass to restart on a 12 per cent gradient at sea level. The performance and economy of all models will be reduced when used for towing. Gross Train Mass includes trailer weight.

### **Dimensions**

<b>Dimensions (mm unless stated)</b>	<b>ST-Line/Platinum</b>
<b>Exterior</b>	
Overall length without tow bar	5063
Overall width mirrors extended	2285
Overall width mirrors folded	2107
Overall height with roof rails	1783
Wheelbase	3025
Front track	1704
Rear track	1713
Front overhang	869/855
Rear overhang	1169
Min ground clearance (GVM)	204
Min ground clearance (kerb)	167
Approach Angle (degrees)	20.2
Departure Angle (degrees)	21.0
<b>Interior</b>	
First-row headroom	987
First-row legroom	1093
First-row shoulder room	1570
First-row hip room	1504
Second-row headroom	971
Second-row legroom	991
Second-row shoulder room	1573
Second-row hip room	1501
Third-row headroom	988
Third-row legroom	817
Third-row shoulder room	1388
Third-row hip room	1038
<b>Luggage capacity (litres) †</b>	
7-seat mode, laden to package tray (with temporary spare)	240
7-seat mode, laden to roof (with temporary spare)	330
5-seat mode, laden to package tray (with temporary spare)	635
5-seat mode, laden to roof (with temporary spare)	1137
2-seat mode, laden to roof (with temporary spare)	2274
<b>Luggage compartment dimensions</b>	
Maximum loading height	855
Load length at floor to 1st row seats	2132
Load length at floor to 2nd row seats	1264
Load length at floor to 3 <sup>rd</sup> row seats	532
Load width between wheelhouses	1222
Load opening width (floor)	1216
Lift-over height (kerb)	804

<b>Fuel tank capacity (litres)</b>	
Petrol	68.4

‡ Measured in accordance with ISO 3832. Dimensions may vary dependent on the model and equipment fitted.

### **DRIVER ASSISTANCE TECHNOLOGIES**<sup>‡</sup>

360-Degree Camera including front and rear wide-view cameras
Active Park Assist 2
Adaptive Cruise Control with Stop & Go, Speed Sign Recognition and Lane Centring
Auto High Beam
Auto Hold
Auto lighting and rain-sensing wipers
Blind Spot Information System with Cross-Traffic Alert
EcoCoach
Evasive Steering Assist
Forward Collision Warning
Front and rear parking sensors
Hill Start Assist
Hill Decent Assist
Intelligent Speed Limiter
Intelligent All-Wheel Drive
Lane-Keeping System
Post-Collision Braking
Pre-Collision Assist with Active Braking
Reverse Brake Assist
Side-Wind Stabilisation
Terrain Management System
Traffic Sign Recognition
Trailer Sway Control

### **COMFORT AND CONVENIENCE**<sup>‡</sup>

10-way Power adjustable driver and passenger seat with memory on driver's seat
12.3-inch digital instrument cluster
Active Noise Cancellation
Acoustic laminated glass
Ambient Lighting
B&O Sound System
Dual first-row smart-charging multimedia USB ports
Dual second-row smart-charging USB ports
Electrically-adjustable steering column
Five 12-volt power points
FordPass Connect modem
Hands-free tailgate
Heated leather steering wheel
Heated and ventilated front seats
Heated second-row seats
Multicontour seats with Active Motion
Openable panoramic roof
Paddle shifters

SYNC 3 with 10.1-inch capacitive touchscreen
Third row Easy Fold Seats with Power Raise
Tri-Zone Electronic Temperature Control with cabin particulate filter
Windscreen wiper de-icer
Wireless charging pad

\*Feature availability dependent on vehicle specification

## **STEERING**

System	Rack and pinion with Electronic Power Assisted Steering (EPAS)
Ratio	16.5:1
Turning circle (m) kerb-to-kerb	12.6

## **CHASSIS**

Front suspension	Independent. MacPherson struts with 32 mm stabiliser bar, gas-pressurised hydraulic shock absorbers
Rear suspension	Independent multi-link rear suspension with 22 mm stabiliser bar, gas-pressurised hydraulic shock absorbers

## **BRAKES**

	Front	Rear
Braking	Hydraulically operated dual-circuit system with diagonal distribution. Vented front discs, solid rear discs. Electronic four-channel anti-lock braking system (ABS) with electronic brake-force distribution (EBD), Electronic Stability System (ESP) and Emergency Brake Assist (EBA), Autonomous emergency braking (AEB) as part of Pre-Collision Assist with Active Braking.	
Disc/Drum dimensions (mm)	Ø363 x 32	Ø350 x 26 disc
Piston dimensions (mm)	Ø48	Ø45

## **WHEELS & TYRES**

8 x 20-inch with 255/55 R20
8.5 x 20-inch with 255/55 R20

## **HYBRID ENGINES**

		3.0-litre EcoBoost Plug-In Hybrid (457 PS)
Type		3.0-litre V6 turbocharged petrol, electric motor
Displacement	cm <sup>3</sup>	3000
Bore	mm	85.4
Stroke	mm	86.0
Compression ratio		9.5:1
Battery		Lithium-ion
Battery capacity		13.6 kWh, 36 Ah
Max power petrol engine	PS (kW)	363 (267)
	at rpm	5750
Max power electric motor	PS (kW)	102 (75)
	at rpm	2500
Max power combined petrol engine and electric motor	PS (kW)	457 (336)
	at rpm	5750
Max torque petrol engine	Nm	555
	at rpm	3500
Max torque electric motor	Nm	300
	at rpm	1000
Max torque combined petrol engine and electric motor	Nm	825
	at rpm	2500
Valve gear		DOHC with 4 valves per cylinder, twin independent variable cam timing
Cylinders		60-degree V6
Cylinder head		Cast aluminium
Cylinder block		Compacted graphite iron aluminium
Camshaft drive		Chain drive
Crankshaft		Forged steel, 6 counterweights, 4 main bearings
Engine management		Bosch MG1CS018 with CAN-Bus and individual cylinder knock control. FGEC software
Fuel injection		High pressure direct fuel injection
Emission level		Euro 6d-TEMP
Emission control		Rapid light-off catalyst, gasoline particulate filter
Turbocharger		Twin fixed geometry turbochargers
Lubrication system		Electronically controlled continuously variable displacement oil pump for improved fuel economy
Engine cooling system		Single thermostat, accessory-belt driven
Transmission		10-speed automatic
Gear ratios		10th 0.636
		9th 0.689
		8th 0.853
		7th 1.000
		6th 1.275
		5th 1.521

			4th 1.769
			3rd 2.149
			2nd 2.997
			1st 4.714
			R 4.885
			FDR 3.31

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Note: The data information in this press release reflects preliminary specifications and was correct at the time of going to print. However, Ford policy is one of continuous product improvement. The right is reserved to change these details at any time.

The declared fuel/energy consumptions, CO<sub>2</sub>-emissions and electric range are determined according to the technical requirements and specifications of the European Regulations (EC) 715/2007 and (EU) 2017/1151 as last amended. Light Duty Vehicle type-approved using the World Harmonised Light Vehicle Test Procedure (WLTP) will have fuel/energy consumption and CO<sub>2</sub>-emission information for New European Drive Cycle (NEDC) and WLTP. WLTP will fully replace the NEDC latest by the end of the year 2020. The applied standard test procedures enable comparison between different vehicle types and different manufacturers. During NEDC phase-out, WLTP fuel consumption and CO<sub>2</sub> emissions are being correlated back to NEDC. There will be some variance to the previous fuel economy and emissions as some elements of the tests have altered, so the same car might have different fuel consumption and CO<sub>2</sub> emissions.

**About Ford Motor Company**

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**Contact:** Finn Thomasen  
 Ford of Europe  
[fthomas3@ford.com](mailto:fthomas3@ford.com)