

Hyundai Tucson	Electrified					Combustion	
Engines & performance	1.6 T-GDI PHEV 265 PS	1.6 T-GDI HEV 230 PS	1.6 T-GDI 48V 150 PS	1.6 T-GDI 48V 180 PS	1.6 CRDi 48V 136 PS	1.6 T-GDI 150 PS	1.6 CRDi 115 PS
Emission standard	EU E6D						
Type	4 cylinders in line						
Displacement [cc]	1,598						
Bore x stroke [mm]	75.6 X 89.0	75.6 X 89.0	75.6 X 89.1	75.6 X 89.1	77.0 x 85.8	75.6 X 89.0	77.0 x 85.8
Compression ratio	10.5	10.5	10.5	10.5	15.9	10.5	15.9
Maximum power [PS/kW] (for HEV: combined)	265 / 194.8	230 / 169.1	150 / 110.3	180 / 132.4	136 / 100	150 / 110.3	115 / 85
Maximum torque [Nm/rpm]	Engine: 264.7 / 1500~4500 Motor: 304 /~2.100	Engine: 264.7 / 1500~4500 Motor: 264 /~1.600	250.1/1500~4000	265 / 1500~4500	320 / 2,000~2,250	250.1/1500~4000	280 / 1,500~2,750rpm
0-100 km/h [s] (2WD/4WD)	8.6 (tent).	8.0 / 8.3	6iMT: 10.3 7DCT: 9.6	6iMT 2WD: 9.4 7DCT 4WD: 9.0	11.4 / 11.6	10.3 / 10.6	12.1
Top speed [km/h] (2WD/4WD)	190 (tent)	193	189	205 / 201	180	189	175
2WD / 4WD application	4WD	2WD/4WD	2WD	2WD/4WD	2WD/4WD	2WD/4WD	2WD
Weight	1.6 T-GDI PHEV 265 PS	1.6 T-GDI HEV 230 PS	1.6 T-GDI 48V 150 PS	1.6 T-GDI 48V 180 PS	1.6 CRDi 48V 136 PS	1.6 T-GDI 150 PS	1.6 CRDi 115 PS
Curb weight [kg] <i>lightest – heaviest</i> (2WD/4WD)	1,818 - 1,924	1,564–1.685 / 1,634–1,755	6iMT: 1.463 –1.588 7DCT: 1,491–1,621	6iMT: 1.463–1.588 7DCT: 1,558–1,689	1,531–1.660 / 1,590–1,729	1,425 – 1,575 / 1,590 – 1,729	1,477 – 1,628
Payload [kg] <i>lightest – heaviest</i> (2WD/4WD)	491-597	490–611	6iMT: 477-602 7DCT: 479–609	6iMT: 477–602 7DCT: 481–612	480-609 / 471-610	475–625 / 477–627	477 – 628
Gross vehicle weight [kg] (2WD/4WD)	2,415	2,175 / 2,245	6iMT: 2,065 7DCT: 2,100	6iMT: 2,065 7DCT: 2,170	2,140 / 2,200	2,050 / 2,130	2,105
Maximum tow weight braked [kg]	1,650	1,650	1,650	1,650	1,650	1,650	1,950
Maximum tow weight unbraked [kg]	750	750	750	750	750	750	750
Load per axle [kg] front/rear	1,260 / 1,200	1,260 / 1,200	1,260 / 1,200	1,260 / 1,200	1,260 / 1,200	1,260 / 1,200	1,260 / 1,200
Roof rack load [kg]	100	100	100	100	100	100	100
Plug-in Hybrid & Hybrid system specifics	1.6 T-GDI PHEV 265 PS			1.6 T-GDI HEV 230 PS			
Electric motor type	Permanent Magnet Synchronous Motor			Permanent Magnet Synchronous Motor			
Maximum power electric motor [kW]	66.9			44.2			
Maximum torque electric motor [Nm]	304			264			
Battery type	Lithium-Ion Polymer			Lithium-Ion Polymer			
Voltage [V]	360			270			
Battery capacity [kWh]	13.8			1.49			
Battery placement	Centre underbody			Under second row seats			
On-board charger	7,2 kW			-			
All electric driving range	>50km (WLTP, internal estimate)			-			

48-Volt Mild Hybrid system specifics	1.6 T-GDI 48V 150 PS 2WD	1.6 T-GDI 48V 180 PS 2WD/4WD	1.6 CRDi 48V 136 PS 2WD/4WD
System components	Mild Hybrid Starter Generator (MHSG) connected to crankshaft via belt, Energy storage in lithium polymer battery (mounted below luggage compartment), DC/DC converter		
Voltage [V]	48		
Battery capacity [kWh]	0.44		

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Dimensions exterior	1.6 T-GDI PHEV 265 PS	1.6 T-GDI HEV 230 PS	1.6 T-GDI 48V 150 PS	1.6 T-GDI 48V 180 PS	1.6 CRDi 48V 136 PS	1.6 T-GDI 150 PS	1.6 CRDi 115 PS
Overall length [mm]	4,500						
Overall width [mm]	1,865						
Overall height [mm] with/without roof rack	1,650 / 1651						
Wheelbase [mm]	2,680						
Wheel tread front [mm] 17-/18-/19-inch wheels	1,615	1,630 / 1,615 / 1,615					
Wheel tread rear [mm] 17-/18-/19-inch wheels	1,622	1,637 / 1,622 / 1,622					
Front overhang/ rear overhang [mm]	895						
Ground clearance [mm]	170						
Dimensions interior	1.6 T-GDI PHEV 265 PS	1.6 T-GDI HEV 230 PS	1.6 T-GDI 48V 150 PS	1.6 T-GDI 48V 180 PS	1.6 CRDi 48V 136 PS	1.6 T-GDI 150 PS	1.6 CRDi 115 PS
Head room front/rear [mm] (with sunroof)	1,017 (966) / 1000 (980)						
Leg room front/rear [mm]	1,052 / 955	1,052 /996					
Shoulder room front/rear [mm] (door curtain)	1,464 / 1,428 (1,398)						
Luggage capacity VDA [l] - seats up	558	616	577	577	546	620	598
Luggage capacity VDA [l] - seats down	1,737	1,795	1,756	1,756	1,725	1,799	1,777
Chassis	1.6 T-GDI PHEV 265 PS	1.6 T-GDI HEV 230 PS	1.6 T-GDI 48V 150 PS	1.6 T-GDI 48V 180 PS	1.6 CRDi 48V 136 PS	1.6 T-GDI 150 PS	1.6 CRDi 115 PS
Front suspension	Macpherson Strut Type						
Rear suspension	Multi Link Type						
Steering type	Motor Driven Power Steering Rack & Pinion					Motor Driven Power Steering Column / Motor Driven Power Steer. Rack&Pinion (depending on trim)	
Steering wheel lock to lock turns	2.41					2.54 / 2.41	
Turning radius [m]	5.46						
Brake system	Dual diagonal split circuit power assisted with Electronic Brake-force Distribution (EBD)						
Front brakes	Ventilated discs, floating caliper, diameter: 291mm						
Rear brakes	Solid discs, floating caliper, diameter: 302mm						
ABS	4-Wheel Electronic, 4-Sensor, 4-Channel Electronic brake distribution, Brake torque distribution system (EBD)						
Wheels	7.5Jx19-inch alloy	7.0Jx17-inch alloy / 7.5Jx19-inch alloy	7.0Jx17-inch alloy, steel / 7.5Jx18-inch alloy / 7.5Jx19-inch alloy				
Tyres	235/50R19	215/65R17 / 235/50R19	215/65R17 / 235/55R18 / 235/50R19				

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Transmission () = with DCT	1.6 T-GDI PHEV 265 PS	1.6 T-GDI HEV 230 PS	1.6 T-GDI 48V 150 PS	1.6 T-GDI 48V 180 PS	1.6 CRDi 48V 136 PS	1.6 T-GDI 150 PS	1.6 CRDi 115 PS
Transmission type	6-speed AT		6-speed iMT or 7-speed DCT		7-speed DCT	6-speed MT	
1 st Gear :1	4.639	4.639	3.769 (3.929)	3.769 (3.929)	3.929	3.769	3.769
2 nd Gear :1	2.826	2.826	2.120 (2.318)	2.120 (2.318)	2.318	2.120	2.040
3 rd Gear :1	1.841	1.841	1.323 (1.957)	1.323 (1.957)	1.957	1.323	1.294
4 th Gear :1	1.386	1.386	0.976 (1.023)	0.976 (1.023)	1.023	0.976	0.951
5 th Gear :1	1.000	1.000	0.778 (0.778)	0.778 (0.778)	0.778	0.778	0.723
6 th Gear :1	0.772	0.772	0.633 (0.837)	0.633 (0.837)	0.837	0.633	0.569
7 th Gear :1	-	-	(0.681)	(0.681)	0.681	-	-
Reverse :1	3.385	3.385	3.727 (5.304)	3.727 (5.304)	5.304	3.727	3.583
Final gear ratio :1	3.320	3.320	4.467 (4.929/3.632)	4.467 (4.929/3.632)	4.929/3.632	4.467	4.333

Consumption () = with DCT [] = with 4WD	1.6 T-GDI PHEV 265 PS	1.6 T-GDI HEV 230 PS	1.6 T-GDI 48V 150 PS	1.6 T-GDI 48V 180 PS	1.6 CRDi 48V 136 PS 4WD	1.6 T-GDI 150 PS (4WD)	1.6 CRDi 115 PS
Fuel consumption urban NEDC 2.0 (l/100 km)* high-low	n.a.	5.3-4.3 [4.7-4.8]	7.3-7.0 (6.6-6.4)	6.9-6.6 [7-6.6]	4.6-4.5 [4.7-4.6]	7.6-7.8 [7.7-7.6]	5.6 - 5.0
Fuel consumption extra-urban NEDC 2.0 (l/100 km)* high-low	n.a.	4.7-5.1 [6-5.8]	5.2-5.0 (5.2-4.9)	5.2-5.0 [5.4-5.1]	4.4-4.1 [4.7 - 4.5]	5.5-5.1 [5.6-5.3]	4.4- 4.0
Fuel consumption combined NEDC 2.0 (l/100 km)* high-low	n.a.	4.9-4.8 [5.6 - 5.4]	5.9-5.7 (5.7-5.5)	5.8-5.6 [6-5.6]	4.4-4.3 [4.7-4.5]	6.3-6.1 [6.4 - 6.2]	4.8-4.4
Fuel consumption combined WLTP (l/100 km)** high-low	n.a.	5.9-5.5 [6.6 - 6.2]	6.8-6.5 (6.6-6.3)	6.7-6.4 [7.1-6.9]	5.6- 5.2 [6 - 5.68]	7.0 - 6.6 [7.8 - 7.3]	5.6-5.2
CO ₂ emissions combined NEDC 2.0 (g/km)* high-low	n.a.	112 - 109 [127-124]	136-131 (130-125)	133-127 [137-129]	117-112 [124-119]	144-139 [146-141]	127-115
CO ₂ emissions combined WLTP (g/km)** high-low	n.a.	135-125 [149-140]	153.8-146.8 (149.81-142.8)	152.2-145.3 [162.3-155.6]	145.8-136.9 [157.8 - 148.7]	158.8 - 149.8 [177.7-164.7]	145.8-136.5

Notes

* The specified fuel consumption and emission data have been determined according to the Worldwide Harmonized Light Vehicles Test Procedure (WLTP) and converted back to New European Driving Cycle (NEDC) standards, commonly known as NEDC 2.0. When figures are specified as value ranges, these do not refer to a particular individual vehicle, but to different trims.

** The specified fuel consumption and emission data have been determined according to the Worldwide Harmonized Light Vehicles Test Procedure (WLTP). The specified WLTP figures are displayed voluntarily in addition to NEDC 2.0. When figures are specified as value ranges, these do not refer to a particular individual vehicle, but to different trims.

Technical specifications listed in this document are tentative and may vary depending on region and trim.