Hyundai Santa Fe

Engines & performance	1.6 T-GDI HEV (215 PS)	1.6 T-GDI PHEV (253 PS)
Emission standard	EURO 6E	EURO 6E
Type	4 cylinders in line	4 cylinders in line
Displacement [cc]	1,598	1,598
Bore x stroke [mm]	75.6X89.0	75.6X89.0
Compression ratio	10.5 : 1	10.5 : 1
Maximum power [PS/kW] (for PHEV/HEV: combined)	215 / 160	253 / 160
Maximum torque [Nm/rpm] (for PHEV/HEV: combustion engine only)	367 @ 1000~4100	367 @ 1000~5100
0-100 km/h [s] (2WD/4WD)	9.6 / 9.8	9.3
Top speed [km/h]	180	180
2WD / 4WD application	2WD / 4WD	4WD

Weight	1.6 T-GDI HEV (215 PS)	1.6 T-GDI PHEV (253 PS)
Curb weight [kg] *lightest - heaviest* (2WD/4WD)	5-seater: 1,845 - 1,975 / 1,910 - 2,040 6-seater: 1,885 - 2,015 / 1,950 - 2,080 7-seater: 1,900 - 2,030 / 1,965 - 2,095	5-seater: 2,035 - 2,090 6-seater: 2,075 - 2,130 7-seater: 2,090 - 2,145
Payload [kg] *lightest - heaviest* (2WD/4WD)	5-seater: 605 - 735 / 610 - 740 6-seater: 610 - 740 / 590 - 720 7-seater: 610 - 740 / 580 - 710	5-seater: 580 - 635 6-seater: 605 - 660 7-seater: 595 - 650
Gross vehicle weight [kg] (2WD/4WD)	5-seater: 2,580 / 2,650 6-seater: 2,625 / 2,670 7-seater: 2,640 / 2,675	5-seater: 2,670 6-seater: 2,735 7-seater: 2,740
Maximum tow weight braked [kg]	1,110 / 1,110	1,010
Maximum tow weight unbraked [kg]	750	750
Load per axle [kg] front/rear	1,380 / 1,485	1,485
Roof rack load [kg]	100	100

Plug-in hybrid & hybrid system specifics	1.6 T-GDI HEV (215 PS)	1.6 T-GDI PHEV (253 PS)
Electric motor type	Permanent Magnet Synchronous Motor	Permanent Magnet Synchronous Motor
Maximum power electric motor [kW]	48	72
Maximum torque electric motor [Nm]	264	304
Battery type	Lithium-Ion	Lithium-Ion
Voltage [V]	270	360
Battery capacity [kWh]	1.49	13.8
Battery placement	-	-
On-board charger	-	3.3 - 3.6 kW (depending on the voltage, 220 - 240V)
All electric driving range (WLTP*) [km]	-	54.2

Hyundai Santa Fe

Dimensions exterior	1.6 T-GDI HEV (215 PS)	1.6 T-GDI PHEV (253 PS)
Overall length [mm]	4,830	4,830
Overall width [mm]	1,900	1,900
Overall height [mm] with/without roof rack	1,770 / 1,720	1,770 / 1,720
Wheelbase [mm]	2,815	2,815
Wheel tread front [mm] 17-/18-/19-/20-inch wheels	1,646 (18") / 1,637 (20")	1,646 (18") / 1,637 (20")
Wheel tread rear [mm] 17-/18-/19-/20-inch wheels	1,656 (18") / 1,647 (20")	1,656 (18") / 1,647 (20")
Front overhang/ rear overhang [mm]	915 / 1,100	915 / 1,100
Ground clearance [mm]	177	177

Dimensions interior	1.6 T-GDI HEV (215 PS)	1.6 T-GDI PHEV (253 PS)
Head room front/rear [mm] (with sunroof)	1,045 - 1,020 / 1,030 - 1,007 / 958	1,045 / 1,030
Leg room 1st/ 2nd/ 3rd row [mm]	1,052 / 1,055 / 761	1,052 / 1,055 / 761
Shoulder 1st/ 2nd/ 3rd row [mm]	1,511 / 1,475 / 1,360	1,511 / 1,475 / 1,360
Luggage capacity VDA [l] - seats up	5-seater: 711 6/7-seater: 628	5-seater: 704 6-7-seater: 621
Luggage capacity VDA [l] - seats down	5-seater: 2,032 6/7-seater: 1,949	5-seater: 2,025 6/7-seater: 1,942

Chassis	1.6 T-GDI HEV (215 PS)	1.6 T-GDI PHEV (253 PS)
Front suspension	Macpherson strut type	Macpherson strut type
Rear suspension	Multi-link type	Multi-link type
Steering type	R-MDPS	R-MDPS
Steering wheel lock to lock turns	2.53	2.53
Turning radius [m]	5.8	5.8
Brake system	Dual diagonal split circuit power assisted with Electronic Brake-force Distribution (EBD)	Dual diagonal split circuit power assisted with Electronic Brake-force Distribution (EBD)
Front brakes	Ventilated discs, floating caliper, diameter: 325 mm (17-inch)	Ventilated discs, floating caliper, diameter: 325 mm (17-inch)
Rear brakes	Ventilated discs, floating caliper, diameter: 325 mm (17-inch)	Ventilated discs, floating caliper, diameter: 325 mm (17-inch)
ABS	ABS 4-Wheel Electronic, 4-Sensor, 4-Channel Electronic brake distribution, Brake torque distribution system (EBD)	ABS 4-Wheel Electronic, 4-Sensor, 4-Channel Electronic brake distribution, Brake torque distribution system (EBD)
Wheels	7.5Jx18-inch / 8.5Jx20-inch	8.5Jx20-inch
Tyres	235/60R18 / 255/45R20	255/45R20

Hyundai Santa Fe

Transmission	1.6 T-GDI HEV (215 PS)	1.6 T-GDI PHEV (253 PS)
Transmission type	6-speed Automatic Transmission	6-speed Automatic Transmission
1st Gear :1	4,639	4,639
2nd Gear :1	2,826	2,826
3rd Gear :1	1,841	1,841
4th Gear :1	1,386	1,386
5th Gear :1	1,000	1,000
6th Gear :1	0,772	0,772
7th Gear :1	-	-
8th Gear :1	-	-
Reverse :1	3.385	3.385
Final gear ratio :1	3,510	3,648

Consumption [ ] = with 4WD	1.6 T-GDI HEV (215 PS)	1.6 T-GDI PHEV (253 PS)
Fuel consumption combined WLTP (l/100 km)* high-low	6.9 - 6.4 [7.3 - 6.9]**	1.7**
CO_2 emissions combined WLTP (g/km)* high-low	157 - 145 [166 - 156]	38

Notes

* The specified fuel consumption and emission data have been determined according to the Worldwide Harmonized Light Vehicles Test Procedure (WLTP). When figures are specified as value ranges, these do not refer to a particular individual vehicle, but to different trims.
** 'weighted combined' fuel consumption and emissions are a weighted average of the fuel consumption or CO_2 emissions in 'charge-depleting' and 'charge-sustaining' driving conditions.

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