

# Hyundai SANTA FE.

## Specifications.



Engine	Smartstream G3.5	Smartstream D2.2	Smartstream G1.6T-GDi HEV
Engine code	G6DU	D4HE	VV
Configuration	Transverse front-mounted driving front wheels	Transverse front-mounted driving front and rear wheels	Transverse front-mounted driving front and rear wheels
Cylinder capacity	3.5 litres (3,470 cc)	2.2 litres (2,151 cc)	1.6 litres (1,598 cc)
Number of cylinders	6 v-configuration	4 in-line	4 in-line
Valve system	24 valve (HLA)	16 valve (HLA)	16 valve (HLA)
Intake system	Naturally aspirated	Turbo-charged	Turbo-charged
Maximum power	200 kW @ 6,400 RPM	148 kW @ 3,800 RPM	132 kW @ 5,500 RPM
Maximum torque	331 Nm @ 5,000 RPM	440 Nm @ 1,750-2,750 RPM	265 Nm @ 1,500-4,500 RPM
Fuel system	Multi Point injection (MPI)	Common Rail Direct injection (CRDi)	Turbo Gasoline Direct injection (T-GDi)
Fuel type	91 RON (ULP), E10 compatible	Diesel	91 RON (ULP), E10 compatible
Emissions standard	Euro 5	Euro 5	Euro 5
Bore x stroke	92.0 mm x 87.0 mm	83.0 mm x 99.4 mm	75.6 mm x 89.0 mm
Compression ratio	10.6:1	16:1	10.5:1
Electric motor	Smartstream G3.5	Smartstream D2.2	Smartstream G1.6T-GDi HEV
Motor type	-	-	Permanent Magnet Synchronous Motor (PMSM)
Configuration	-	-	Transmission Mounted Electric Device (TMED)
Maximum power	-	-	44.2 kW
Maximum torque	-	-	264 Nm @ 1,600 RPM
Combined system output	Smartstream G3.5	Smartstream D2.2	Smartstream G1.6T-GDi HEV
Maximum power	-	-	169 kW @ 5,500 RPM
Maximum torque	-	-	350 Nm @ 1,000-4,500 RPM
Battery	Smartstream G3.5	Smartstream D2.2	Smartstream G1.6T-GDi HEV
Battery type	-	-	Lithium-Ion Polymer
Capacity	-	-	1.49 kWh
Voltage	-	-	270 V
Transmission	Smartstream G3.5	Smartstream D2.2	Smartstream G1.6T-GDi HEV
All Wheel Drive (AWD) system	-	Active on-demand 4WD	Active on-demand 4WD
Automatic	SmartStream 8AT - 8-speed automatic	SmartStream Wet 8DCT - wet friction 8-speed Dual Clutch Transmission	SmartStream 6AT - 6-speed automatic
Gear ratio	Automatic	DCT	Automatic
1st	4.808	3.429	4.639
2nd	2.901	2.217	2.826
3rd	1.864	2.217	1.841
4th	1.424	1.621	1.386
5th	1.219	0.86	1
6th	1	0.673	0.772
7th	0.799	0.791	-
8th	0.648	0.653	-
Reverse	3.425	3.697	3.385
Final	3.51	4.846 (1st, 2nd, 5th, 6th, Reverse)	3.51
Engine/transmission availability	Smartstream G3.5	Smartstream D2.2	Smartstream G1.6T-GDi HEV
	Automatic	DCT	Automatic
Santa Fe	•	•	-
Active	•	•	-
Elite	•	•	•
Highlander	•	•	•

Steering	Smartstream G3.5		Smartstream D2.2		Smartstream G1.6T-GDi HEV		
Type	Rack-mounted Motor Driven Power Steering (R-MDPS)						
Minimum turning circle diameter between kerbs / walls	11.40 m						
Number of steering wheel turns lock to lock	2.53						
Suspension	Smartstream G3.5		Smartstream D2.2		Smartstream G1.6T-GDi HEV		
Front	MacPherson strut						
Rear	Multi-link						
Brakes	Smartstream G3.5		Smartstream D2.2		Smartstream G1.6T-GDi HEV		
	Automatic		DCT		Automatic		
System	Dual-diagonal, split circuit, power assisted with Electronic Brakeforce Distribution (EBD) and Brake Assist System (BAS)						
Front brake type	Ventilated disc						
Front disc dimensions	325 mm x 30 mm						
Rear brake type	Solid disc						
Rear disc dimensions	305 mm x 11 mm						
Weight	Smartstream G3.5		Smartstream D2.2		Smartstream G1.6T-GDi HEV		
	Automatic		DCT		Automatic		
Kerb weight - lightest	1735 kg		1820 kg		1845 kg		
Kerb weight - heaviest	1858 kg		1943 kg		1983 kg		
Gross Vehicle Mass (GVM) (6 seat)	2560 kg		2610 kg		2630 kg (2580 kg)		
Permissible Axle Weight (PAW) - front	1350 kg		1350 kg		1350 kg		
Permissible Axle Weight (PAW) - rear	1450 kg		1450 kg		1450 kg		
Roof rack load limit	100 kg						
Towing capacity	Smartstream G3.5		Smartstream D2.2		Smartstream G1.6T-GDi HEV		
	Automatic		DCT		Automatic		
Braked	2500 kg		2500 kg		1650 kg		
Unbraked	750 kg		750 kg		750 kg		
Maximum towball weight	200 kg		200 kg		100 kg		
Fuel consumption*	Smartstream G3.5		Smartstream D2.2		Smartstream G1.6T-GDi HEV		
	Automatic		DCT		Automatic		
Combined (L/100km)	10.5		6.1		6.0		
Urban (L/100km)	14.7		7.5		6.2		
Extra Urban (L/100km)	8.1		5.3		5.9		
CO <sub>2</sub> - combined (g/km)	244		160		137		
Fuel tank volume	67 litres						
*Source: Australian Design Rule 81/02 static laboratory combined average city and highway cycle test. Real world fuel consumption will vary depending on a combination of driving habits, the condition of the vehicle, and other factors such as road, traffic and weather conditions. ADR 81/02 test results are meant for comparison purposes only.							
Seating capacity availability	Santa Fe		Active		Elite		Highlander
6 passenger (individual 2nd row outboard seats)	-		-		-		• (Hybrid only)
7 passenger (bench type 2nd row seat)	•		•		•		•
Dimensions	Santa Fe		Active		Elite		Highlander
Exterior							
Length	4785 mm						
Width	1900 mm						
Height (with roof rails)	1685 mm (1710 mm)						
Wheelbase	2765 mm						
Wheel track - front / rear	1651 mm / 1661 mm		1646 mm / 1656 mm		1637 mm / 1647 mm 1646 mm / 1656 mm (Hybrid only)		1637 mm / 1647 mm 1646 mm / 1656 mm (Hybrid only)
Minimum ground clearance (based on kerb weight)	176 mm		176 mm		176 mm		176 mm
Approach / departure / ramp break over angle	Smartstream G3.5: 17.9° / 19.3° / 17.3° Smartstream D2.2: 17.9° / 19.3° / 16.8° Smartstream G1.6T-GDi HEV: 17.9° / 19.3° / 15.4°						
Interior							
Head room front / centre (w/ sunroof)	1016 mm / 990 mm (974 mm / 958 mm)						
Leg room front / centre/ rear (Hybrid)	1052 mm – 1120 / 1040 mm / 746 mm (1052 mm / 1035 mm / 746 mm)						
Shoulder room front / centre / rear	1500 mm / 1480 mm / 1344 mm				1500 mm / 1450 mm / 1344 mm		
Hip room front / centre / rear	1460 mm / 1430 mm / 1081 mm						
Cargo area - VDA (minimum / maximum)	571 litres / 782 litres						
Wheels & tyres	Santa Fe		Active		Elite		Highlander
					Hybrid only		Hybrid only
Wheel type	Alloy		Alloy		Alloy		Alloy aero type

Wheel dimensions	17 x 7.0J +47.0	18 x 7.5J +49.5	20 x 8.5J +54	19 x 7.5J +49.5	20 x 8.5J +54	19 x 7.5J +49.5
Tyre dimensions	235/65R17 108V	235/60R18 107V	255/45R20 105V XL	235/55R19 107V	255/45R20 105V XL	235/55R19 107V
Spare wheel type	Full size alloy	Full size alloy	Full size alloy		Full size alloy	
<b>Driving convenience</b>	<b>Santa Fe</b>	<b>Active</b>	<b>Elite</b>	<b>Highlander</b>		
Electronic Parking Brake (EPB) (with auto hold function)	•	•	•	•		
Integrated Memory System (IMS) - driver's seat	-	-	-	•		
One touch turn signal - 3, 5, or 7 flashes	•	•	•	•		
Rain sensing wipers	-	•	•	•		
Rear wiper - 2-stage, with auto wipe on reverse	•	•	•	•		
Remote start - via Smart Key	-	•	•	•		
Shift By Wire (SBW) - electronic gear shift buttons	-	•	•	•		
Smart Key with push button start	-	•	•	•		
Steering wheel-mounted controls - audio, phone, cruise control, lane safety & trip computer	•	•	•	•		
Tilt & telescopic steering column	•	•	•	•		
<b>Driving engagement</b>	<b>Santa Fe</b>	<b>Active</b>	<b>Elite</b>	<b>Highlander</b>		
4WD Lock (available on AWD Diesel variants only)	•	-	-	-		
Drive Mode - 3 settings: Eco, Sport, Smart (Hybrid variants only)	-	-	• (Hybrid only)	• (Hybrid only)		
Drive Mode - 4 settings: Comfort, Eco, Sport, Smart	•	•	•	•		
Multi Terrain Mode - 3 settings: Snow, Mud, Sand (available on AWD variants only)	-	•	•	•		
Paddle shifters	-	•	•	•		
<b>Active safety</b>	<b>Santa Fe</b>	<b>Active</b>	<b>Elite</b>	<b>Highlander</b>		
Electronic Stability Control (ESC) including:						
Anti-lock Braking System (ABS)	•	•	•	•		
Brake Assist System (BAS)	•	•	•	•		
Electronic Brakeforce Distribution (EBD)	•	•	•	•		
Downhill Brake Control (DBC)	•	•	•	•		
Hill-start Assist Control (HAC)	•	•	•	•		
Multi-Collision Braking (MCB)	•	•	•	•		
Traction Control System (TCS)	•	•	•	•		
Vehicle Stability Management (VSM)	•	•	•	•		
Hyundai SmartSense™ including:						
Blind-spot Collision-avoidance Assist - Rear (BCA-R)	•	•	•	•		
Blind-spot View Monitor (BVM)	-	-	-	•		
Driver Attention Warning (DAW)	•	•	•	•		
Forward Collision-avoidance Assist (FCA) - camera and radar type, including:						
- Car/Pedestrian/Cyclist detection	•	•	•	•		
- City/Urban/Interurban operational speeds						
- Junction Turning (FCA-JT) functionality						
High Beam Assist (HBA)	•	•	•	•		
Lane Following Assist (LFA)	•	•	•	•		
Lane Keeping Assist - Line/Road-Edge (LKA-L/R)	•	•	•	•		
Parking Collision-avoidance Assist-Rear (PCA-R)	-	-	-	•		
Rear Cross-traffic Collision-avoidance Assist (RCCA)	•	•	•	•		
Rear Occupant Alert (ROA)	•	•	-	-		
Rear Occupant Alert (ROA) - Advanced	-	-	•	•		
Remote Smart Parking Assist System (RSPAS)	-	-	-	•		
Safe Exit Assist (SEA)	-	•	•	•		
Smart Cruise Control (SCC) with Stop & Go	•	•	•	•		
Surround View Monitor (SVM)	-	-	-	•		
<b>Other features</b>						
Emergency Stop Signal (ESS)	•	•	•	•		
Parking Distance Warning-Front (PDW-F) - 4 sensors, with guidance display	-	•	•	-		
Parking Distance Warning-Reverse (PDW-R) - 4 sensors, with guidance display	•	•	•	-		
Parking Distance Warning-Front (PDW-F) - 6 sensors, with guidance display	-	-	-	•		
Parking Distance Warning-Reverse (PDW-R) - 6 sensors, with guidance display	-	-	-	•		
Rear view camera with dynamic guide lines	•	•	•	•		

Speed limiter	•	•	•	•
Tyre Pressure Monitoring System (TPMS) - individual tyre pressure readout	•	•	•	•
<b>Passive safety</b>	<b>Santa Fe</b>	<b>Active</b>	<b>Elite</b>	<b>Highlander</b>
<b>Airbags</b>				
Front airbags - driver & front passenger	•	•	•	•
Front centre side	•	•	•	•
Side (thorax) airbags - driver & front passenger	•	•	•	•
Side curtain airbags - 1st & 2nd rows	•	•	•	•
Roll-over sensor	•	•	•	•
<b>Doors</b>				
Impact sensing auto door unlock	•	•	•	•
Electronic child safety lock system	-	•	•	•
<b>Seatbelts</b>				
Pretensioners, load limiters & height adjustable upper mounts on front seat belts	•	•	•	•
Pretensioners & load limiters on rear (outboard) seat belts - 2nd row	•	•	•	•
Seat belt reminder - front & rear seatbelts	•	•	•	•
Seat belt holder - 2nd & 3rd rows	•	•	•	•
<b>Seating</b>				
Height adjustable front head restraints with tilt function	•	•	•	•
Height adjustable rear head restraints	•	•	•	•
ISOFIX child restraint anchors (rear outboard seats) - 2nd row	•	•	•	•
Top tether child restraint anchors (rear) - 3 anchors - 2nd row	•	•	•	•
Top tether child restraint anchors (rear) - 2 anchors - 2nd row (6-seat variants only)	-	-	-	•
Smart one touch 2nd row flat folding seats (switch operated) - cargo compartment	•	•	•	•
<b>Security</b>	<b>Santa Fe</b>	<b>Active</b>	<b>Elite</b>	<b>Highlander</b>
<b>Security system</b>				
Active lock/unlock operation (user configurable)	•	•	•	•
Anti-theft alarm	•	•	•	•
Central locking	•	•	•	•
Engine immobiliser	•	•	•	•
<b>Remotes</b>				
Keyless entry remote - 2x	•	-	-	-
Smart Key remote - 2x	-	•	•	•
<b>Multimedia system</b>	<b>Santa Fe</b>	<b>Active</b>	<b>Elite</b>	<b>Highlander</b>
<b>Functions</b>				
Apple CarPlay <sup>1</sup> & Android Auto <sup>2</sup> compatibility	•	•	•	•
Bluetooth phone connectivity	•	•	•	•
Satellite navigation	-	-	•	•
Live traffic updates (RDS-TMC)	-	-	•	•
Touch screen - 8" display	•	•	-	-
Touch screen - 10.25" display	-	-	•	•
<b>Speakers</b>				
Audio system - 6 speakers	•	•	-	-
Harman Kardon™ premium audio system - 10 speakers with external amplifier	-	-	•	•
<b>Audio/media sources</b>				
AM / FM radio	•	•	•	•
Digital radio (DAB+)	-	-	•	•
Passenger Talk - driver's voice communicated through rear speakers	-	-	•	•
Radio Data System (RDS)	•	•	•	•
USB multimedia input	•	•	•	•
Bluetooth audio streaming	•	•	•	•
Quiet Mode - speaker volume limitation for a quieter cabin	•	•	•	•
<b>Occupant comfort &amp; convenience</b>	<b>Santa Fe</b>	<b>Active</b>	<b>Elite</b>	<b>Highlander</b>
<b>Upholstery/trim</b>				
Leather <sup>3</sup> appointed interior - steering wheel & gear knob	•	-	-	-
Leather <sup>3</sup> appointed interior - seats, steering wheel	-	•	•	-
Nappa leather <sup>3</sup> appointed interior - seats, steering wheel	-	-	-	•
Perforated leather <sup>3</sup> steering wheel	-	-	-	•

1st row				
Driver's seat - height adjustable	•	•	•	•
Driver's seat - manually adjustable (including 2-way power lumbar support)	•	•	-	-
Driver's seat - power adjustable - 10-way (including 2-way power lumbar support)	-	-	•	-
Driver's seat - power adjustable - 14-way (including 4-way power lumbar support and cushion extension)	-	-	-	•
Passenger's seat - power adjustable - 8-way	-	-	•	•
Passenger's seat - walk-in switch - driver's control for slide and recline	-	-	•	•
Front centre console storage cubby - power outlets - 1 x 12V outlet	•	•	•	•
Front centre console storage cubby - power outlets - 1 x USB charger, 1 x USB multimedia input	•	•	•	•
Front centre console - wireless charger (Qi standard) <sup>4</sup>	•	•	•	•
Grip handles - 1x (passenger)	•	•	•	•
2nd row				
Centre fold down armrest	•	•	•	•
Rear centre console power outlets - 2 x USB charger outlets	•	•	•	•
Grip handles - 2x	•	•	•	•
Walk-in switch - control for slide function to access 3rd row kerb side	•	•	•	•
3rd row				
3rd row exit function switch; one-touch - 1x (2nd row seat outboard backrest upper)	•	•	•	•
Power outlet - 1 x USB charger outlet	•	•	•	•
Windows/shades				
Acoustic laminated front door glass	-	-	-	•
Acoustic laminated windshield glass	-	-	-	•
Panoramic glass sunroof - dual panel with tilt and slide front panel and power sunblind	-	-	-	•
Power windows - one touch up & down function with anti-pinch safety feature on all windows	•	•	•	•
Rear door window sunshades	-	-	•	•
Solar control glass	-	-	•	•
Rear privacy glass	-	•	•	•
Sunvisor (extendable) - driver and front passenger	•	•	•	•
Doors/boot/tailgate				
Luggage area power outlet - 1 x 12V outlet	•	•	•	•
Smart tailgate (rear power tailgate with hands-free opening) - speed adjustable	-	-	•	•
<b>Vision &amp; sight</b>	<b>Santa Fe</b>	<b>Active</b>	<b>Elite</b>	<b>Highlander</b>
Interior mirror				
Electro-Chromatic Mirror (ECM) - auto dimming	-	-	•	•
Exterior mirrors				
Heated	•	•	•	•
Power adjustable	•	•	•	-
Power adjustable with auto dip on reverse function	-	-	-	•
Power folding with auto fold function	-	•	•	•
Instrument cluster/driving displays				
Head-Up Display (HUD)	-	-	-	•
Instrument cluster - 4.2" TFT LCD with trip computer & digital speedometer	•	•	-	-
Supervision cluster - 12.3" TFT colour LCD with trip computer & digital speedometer	-	-	•	•
<b>Ventilation &amp; heating</b>	<b>Santa Fe</b>	<b>Active</b>	<b>Elite</b>	<b>Highlander</b>
Air conditioning				
Climate control - dual zone with auto defog function	-	•	•	•
Manual controls	•	-	-	-
Cabin air filter	•	•	•	•
Cooling/heating vents - 2nd row	•	•	•	•
Front seats				
Air ventilated front seats	-	-	-	•
Heated front seats	-	-	•	•
Rear/2nd row outboard seats				
Heated rear outboard seats	-	-	-	•
3rd row				

Air conditioning system with manual fan speed control	•	•	•	•
Other features				
Heated rear windshield	•	•	•	•
Heated steering wheel	-	-	-	•
<b>Exterior styling</b>	<b>Santa Fe</b>	<b>Active</b>	<b>Elite</b>	<b>Highlander</b>
Front				
Front grille - black	•	-	-	-
Front grille - chrome	-	•	-	-
Front grille - dark chrome	-	-	•	•
Front grille lower garnish insert and skid plate - chrome	-	•	-	-
Front grille lower garnish insert and skid plate - satin chrome	-	-	•	•
Front grille lower garnish insert and skid plate - silver, 2 shades	•	-	-	-
Side				
Door frame and beltline moulding - satin chrome	•	•	•	•
Body coloured cladding	-	-	-	•
Exterior door handles - satin chrome	-	•	•	•
Side garnish insert - chrome	-	•	-	-
Side garnish insert - satin chrome	-	-	•	•
Rear				
Lower bumper garnish - chrome	-	•	-	-
Lower bumper garnish - satin chrome	-	-	•	•
Lower bumper garnish - silver, 2 shades	•	-	-	-
Spoiler - body colour matched, tailgate mounted	•	•	•	•
<b>Interior styling</b>	<b>Santa Fe</b>	<b>Active</b>	<b>Elite</b>	<b>Highlander</b>
Treatments				
Alloy effect finish (interior door handles)	•	•	•	•
Alloy effect inserts (steering wheel)	•	•	•	•
Alloy effect steering wheel switches	-	-	-	•
Alloy effect surrounds (HVAC dials, air vents and centre console)	•	•	•	•
Alloy centre console finishing	-	-	-	•
Materials				
Melange knit headlining	-	•	•	-
Suede headlining	-	-	-	•
Leather door centre trim	-	•	•	•
Fabric pillar covers (A, B and C pillar) and sunvisors	-	•	•	-
Suede pillar covers (A, B and C pillar), sunroof blind and sunvisors	-	-	-	•
<b>Lighting</b>	<b>Santa Fe</b>	<b>Active</b>	<b>Elite</b>	<b>Highlander</b>
Exterior lighting - front				
Daytime Running Lights (DRL) - LED	•	•	•	•
Headlight functions - automatic dusk sensing with escort and welcome	•	•	•	•
Headlight type - multi-projector LED (low/high beam)	-	-	-	•
Headlight type - LED (low/high beam)	•	•	•	-
Positioning lights - LED	•	•	•	•
Exterior lighting - rear				
Fog lights - LED	•	•	•	•
High Mount Stop Light (HMSL) - LED	•	•	•	•
Rear combination lights - LED (bulb reverse lights)	-	-	•	•
Exterior lighting - others				
Courtesy lights - LED, in front door handles	-	•	•	•
Puddle lights - in side mirrors	-	•	•	•
Side repeaters - LED, integrated into side mirrors	•	•	•	•
Interior lighting - front				
Front ambient lighting in dash and centre console - user customisable	-	-	-	•
Front room lights and map lights	•	•	•	-
Front room lights and map lights - LED	-	-	-	•
Vanity mirror lights	•	•	•	•
Glovebox compartment light	•	•	•	•
Interior lighting - rear				
Centre room light	•	•	•	-
Map lights (outboard) - LED	-	-	-	•
Interior lighting - others				

Cargo area light	•	•	•	•
Interior light fade-out delay	•	•	•	•
Safety lights - integrated in doors (front)	•	•	•	•
<b>Storage solutions</b>	<b>Santa Fe</b>	<b>Active</b>	<b>Elite</b>	<b>Highlander</b>
1st row				
Centre console - bridge type	-	•	•	•
Cup holders - centre console	•	•	•	•
Front seat back pockets	•	•	•	•
Glovebox compartment	•	•	•	•
Ticket holders - sunvisors (driver and front passenger)	•	•	•	•
2nd row				
Coat hooks - 1x	•	•	•	-
Coat hooks - 2x	-	-	-	•
Cup holders - armrest (7-seat variants)	•	•	•	•
Cup holders - centre console (6-seat variants)	-	-	-	•
Rear seating split folding 7-seat variants - 60:40	•	•	•	•
Rear seating split folding 6-seat variants - 50:50	-	-	-	•
Boot/luggage area				
Cargo cover - retractable with 2 position setting, with underfloor storage capability	•	•	•	•
Luggage compartment - 6 x mounting points	•	•	•	•
Luggage net	•	•	•	•
Underfloor storage recess	•	•	•	•
Others				
Doors - map pockets and bottle holder (front and rear)	•	•	•	•
Side storage recess with cup holder - outer sides of 3rd row	•	•	•	•
Roof rails	•	•	•	•
Notes: 1. Apple CarPlay requires iPhone 5 or subsequent model in order to operate. 2. Android Auto requires a device with Android 5.0 operating system or subsequent version in order to operate. 3. Finishes specified as leather may contain elements of genuine leather, polyurethane leather (leather substitute) or man-made materials, or a combination thereof. 4. Wireless charging requires a Qi-enabled smartphone or adapter in order to operate. 5. Available with all wheel drive only. Key: • = Feature is available on trim - = Feature is not available on trim				