



2018 Sonata Hybrid/Plug-In Hybrid Specifications

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ENGINE	Hybrid		Plug-In Hybrid	
	SE	Limited	Plug-In Hybrid	Limited
2.0				
Type	Nu 2.0L GDI DOHC 16-valve Inline 4-cylinder			
Materials	Aluminum block and head			
Bore & stroke (mm)	81 X 97			
Compression ratio	13.5:1			
Displacement	2.0 liters / 1,999 cc			
Horsepower	154 @ 6,000 rpm			
Torque (lb-ft)	140 @ 5,000			
Valves per cylinder	4			
Intake system	TIS			
Electric Motor/Battery				
Power output @ RPM	38 kW (51 HP) @ 1,770–2,000 rpm		50 kW (67 HP) @ 2,330–3,300 rpm	
Torque (lb.-ft) @ RPM	151 @ 0-1,770			
Lithium-ion polymer battery system (capacity)	1.76 kWh		9.8 kWh	
Lithium-ion polymer battery system (voltage)	270V (max)		360V (max)	
On-board charger	N/A		3.3 kW	
On-board charger				
Hybrid System Combined				
Combined hybrid system horsepower @ RPM	193 HP @ 6,000 rpm		202 HP @ 6,000 rpm	
TRANSMISSION	Hybrid		Plug-In Hybrid	
	SE	Limited	Plug-In Hybrid	Limited



Drive Type		FWD			
Transmission Type		6-speed electronic automatic, shift lock and SHIFTRONIC™ manual shift mode (w/o lock-up torque converter)			
Gear Ratios		Hybrid		Plug-In Hybrid	
First		4.639		4.639	
Second		2.826		2.826	
Third		1.841		1.841	
Fourth		1.386		1.386	
Fifth		1.000		1.000	
Sixth		0.772		0.772	
Reverse		3.385		3.385	
Final		3.320		3.510	
SUSPENSION		Hybrid		Plug-In Hybrid	
		SE	Limited	Plug-In Hybrid	Limited
Front	Type	MacPherson strut with High Performance Damper (HPD) shock absorbers			
	Stabalizer Bar	24.2 mm			
Rear	Type	Multi-link with High Performance Damper (HPD) shock absorbers			
	Stabalizer Bar	17 mm			
STEERING		Hybrid		Plug-In Hybrid	
		SE	Limited	Plug-In Hybrid	Limited
Type		Motor Driven Power Steering (MDPS) Rack and pinion steering, column-mounted			
Overall Ratio		14.3:1			
Turns, lock to lock		2.78			
Turning Diameter (curb to curb)		35.6 ft.			
BRAKES/TIRES/WHEELS		Hybrid		Plug-In Hybrid	
		SE	Limited	Plug-In Hybrid	Limited



General		Dual-diagonal, split circuit, power-assisted w/ hydraulic booster, cooperative control corresponding to regenerative braking torque			
Front		12.0" Ventilated disc			
Rear		11.2" Ventilated disc			
ABS w/ Electronic Force Distribution		S			
Tires	P205/ 65R16	S		-	
	P215/55R17	O		S	
Wheels	16 x 6.5J Aluminum Alloy	S		-	
	17 x 7.0J Aluminum Alloy	O		S	
EXTERIOR DIMENSIONS (in)		Hybrid		Plug-In Hybrid	
		SE	Limited	Plug-In Hybrid	Limited
Wheelbase		110.4			
Overall length		191.1			
Overall width (excludes mirrors)		73.4			
Overall height		57.9			
INTERIOR DIMENSIONS (in)		Hybrid		Plug-In Hybrid	
		SE	Limited	Plug-In Hybrid	Limited
Head room (front/rear)		40.4/38.0			
Leg room (front/rear)		45.5/35.6			
Shoulder room (front/rear)		57.9/56.5			
Hip room (front/rear)		55.3/56.1			
WEIGHTS		Hybrid		Plug-In Hybrid	
		SE	Limited	Plug-In Hybrid	Limited
Curb (lbs.)		3,497	3,560	TBD	
GVWR (lbs.)		4,630		TBD	



CAPACITIES	Hybrid		Plug-In Hybrid	
	SE	Limited	Plug-In Hybrid	Limited
Fuel (gallons)	15.85		14.53	
VOLUME (cubic ft)	Hybrid		Plug-In Hybrid	
	SE	Limited	Plug-In Hybrid	Limited
Passenger	106.1		106.1	
Cargo capacity	13.4		9.9	
Total interior	119.5		116.0	
FUEL ECONOMY	Hybrid		Plug-In Hybrid	
	SE	Limited	Plug-In Hybrid	Limited
City/Highway/Combined	TBD			
CHARGING TIMES	Hybrid		Plug-In Hybrid	
	SE	Limited	Plug-In Hybrid	Limited
110/120V (Level 1)	-		8.7 hours	
220/240V (Level 2)	-		2.7 hours	