

SONATA hybrid 2016 FAST FACTS

Trim Levels:	HEV: Hybrid SE and Hybrid Limited	PHEV (Plug-in Hybrid): Hybrid and Hybrid Limited
Gasoline Engine:	2.0L DOHC 16-valve Atkinson Cycle 4-cylinder	2.0L DOHC 16-valve Atkinson Cycle 4-cylinder
Horsepower:	154 @ 6000 rpm	154 @ 6000 rpm
Torque (lb.-ft.):	140 @ 5000 rpm	140 @ 5000 rpm
Electric Motor:	270 volts (max.)	360 volts (max.)
Horsepower:	51 @ 1770 – 2000 rpm	67 @ 2330 – 3300 rpm
Torque (lb.-ft.):	151 @ 0 – 1770 rpm	151 @ 0 – 1770 rpm
Hybrid Combined Hp:	193 @ 6000 rpm	202 @ 6000 rpm
Transmission:	6-speed SHIFTRONIC® automatic	6-speed SHIFTRONIC® automatic
Fuel Economy:	City/Combined/Highway – SE: 40 / 42 / 44 Limited: 39 / 41 / 43	TBD Electric + Gasoline (EV mode): 93 MPGe
Fuel Capacity:	15.85 gals – regular unleaded fuel (87 octane)	14.53 gals
Range:	SE: 697 miles / Limited: 681 miles	Electric + Gas: TBD / Electric only: 24 miles

2016 SONATA HYBRID OUTPERFORMS THE COMPETITION

	2016 Hyundai Sonata HEV SE	2015 Toyota Camry Hybrid LE	2015 Honda Accord Hybrid	2015 Ford Fusion Hybrid SE	2016 Hyundai Sonata PHEV	2015 Ford Fusion Energi SE Luxury
Gasoline Engine	2.0L I4	2.5L I4	2.0L I4	2.0L I4	2.0L I4	2.0L I4
Gas Engine Horsepower	154 hp	156 hp	141 hp	141 hp	154 hp	141 hp
Voltage	270 V	244.8 V	Info. not avail.	275 V	360 V	Info. not avail.
Electric Motor Hp	51 hp	140 hp	166 hp	118 hp	67 hp	118 hp
Net Horsepower	193 hp	200 hp	196 hp	188 hp	202 hp	188 hp
Battery Technology	Lithium Polymer	Nickel Metal Hydride	Lithium-Ion	Lithium-Ion	Lithium Polymer	Lithium-Ion
Coefficient of Drag	0.24	0.27	Info. not avail.	0.27	0.24	0.27
Fuel economy (A/T) city / combined / hwy.	40 / 42 / 44	43 / 41 / 39	50 / 47 / 45	44 / 42 / 41	93 MPGe	88 MPGe

NOTE: Information based on published model information found on manufacturers' websites or in Owner's Manuals as of April 2015. Information subject to change without notice. No warranty or guarantee is being extended and Hyundai reserves the right to change product specifications and equipment at any time without incurring obligation. Updated 05/10/2015

SONATA hybrid 2016 FAST FACTS CONTINUED

HYBRID FEATURES:

Plug-in Hybrid – new for 2016 model year – functions like the Sonata Hybrid but has a larger electric motor and larger battery so it can be driven up to 24 miles on electric power; the PHEV's battery can be charged by plugging it into the grid; delivers 93 MPGe (combination of gas and electric power).

Regenerative Braking – Converts the kinetic energy into electrical energy rather than thermal energy through the friction brakes, which reduces the wear on the brake linings so they last longer.

Electric Power-Assisted Steering (EPAS) and **Air Conditioning** – EPAS is independent of the engine so it provides assistance when the engine is not running or is in electric drive mode; the air conditioning also features an electrically driven compressor so the interior temperature is maintained during engine-off driving and allows for more precise on-demand control, cutting fuel consumption.

Lithium Polymer Battery technology:

- Lithium Polymer batteries are more compact than Nickel-Metal Hydride batteries so they don't take up trunk room or back seat passenger room
- Benefits over Nickel-Metal Hydride batteries that are used in competitive hybrid models:
 - 25% less weight – improves overall vehicle weight and fuel economy
 - 40% less volume – improves interior spaciousness and cargo capacity
 - 10% more efficiency – smarter, better performance



SONATA HYBRID AWARDS AND ACCOLADES:



- 2015 Sonata named one of the [10 Most Fuel-Efficient Car Under \\$25,000](#) by *Kelley Blue Book's KBB.com*.
- 2015 Sonata was named the [Best Midsize Car for Families](#) by *U.S. News & World Report*.



- Sonata came in second in the mid-sized car class (Toyota Camry came in third) in the *J.D. Power 2014 U.S. Initial Quality Study*SM, while Hyundai was the highest ranked non-premium brand.



- The 2014 Sonata was named a "BEST BET" in the 34th edition of *The Car Book*, America's original consumer car buying guide; this year marked the fourth consecutive year the Hyundai Sonata has earned this distinction.



- The Sonata Hybrid topped the *Hybrid Car/EV category* in the *2012 AutoPacific Vehicle Satisfaction Awards (VSA)*. Additionally, Hyundai finished fifth overall in the Popular Brand rankings.

NOTE: Information based on published model information found on manufacturers' websites or in Owner's Manuals as of April 2015. Information subject to change without notice. No warranty or guarantee is being extended and Hyundai reserves the right to change product specifications and equipment at any time without incurring obligation. Updated 05/10/15