



2019 Ioniq Specifications

Hyundai Motor America
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ENGINE	Hybrid	Plug-In Hybrid	Electric
Type	1.6L GDI Atkinson Cycle DOH, 4-cylinder	1.6L GDI Atkinson Cycle DOH, 4-cylinder	Not Applicable
Materials	Aluminum block and head	Aluminum block and head	
Bore & stroke (mm)	72 x 97	72 x 97	
Compression ratio	13.0	13.0	
Displacement	1,580cc	1,580cc	
Horsepower	104 @ 5,700	104 @ 5,700	
Torque (lb/-ft.)	109 @ 4,000	109 @ 4,000	
Valves per cylinder	4	4	
Intake System	TIS	TIS	
ELECTRIC MOTOR	Hybrid	Plug-In Hybrid	
Motor Type	Interior-permanent magnet synchronous motor		
Motor Output	32 kW	45 kW	88 kW
Horsepower Equivalent	43	60 HP	118HP
Torque	125 lb-ft	125 lb-ft	218 lb-ft
TOTAL SYSTEM COMBINED HORSEPOWER	Hybrid	Plug-In Hybrid	Electric
Gasoline Engine + Electric Motor Output	139 HP	139 HP	118 HP
BATTERY	Hybrid	Plug-In Hybrid	Electric
Type	Lithium-ion Polymer		
Voltage	240V	360V	360V
Battery System Capacity	1.56 kWh	8.9 kWh	28.0 kWh
TRANSMISSION	Hybrid	Plug-In Hybrid	Electric
Drive Type	FWD		



Transmission Type	6-speed EcoShift Dual Clutch Trans-mission	S	S	-
	Single-speed Reduction Gear	-	-	S
Drive Mode Select		S	S	S
Gear Ratios				
First		3.867	3.867	7.412
Second		2.217	2.217	
Third		1.371	1.371	
Fourth		0.930	0.930	
Fifth		0.956	0.956	
Sixth		0.767	0.767	
Reverse		5.351	5.351	
Final		4.188 / 3.045	4.188 / 3.045	
SUSPENSION		Hybrid	Plug-In Hybrid	Electric
Front	Type	MacPherson strut with coil springs, gas filled shock absorber		
Rear	Type	Multi-link with gas filled shock absorbers	Coupled Torsion Beam Axle with gas filled shock absorbers	
STEERING		Hybrid	Plug-In Hybrid	Electric
Type		Rack and pinion type steering gear		
Overall Ratio		13.9:1		
Turns, lock to lock		2.66		
Turning Diameter (curb to curb, ft.)		34.8		
BRAKES/TIRES/WHEELS		Hybrid	Plug-In Hybrid	Electric
Front		11" disc		
Rear		10.3" disc	11.2" disc	11.2" disc
ABS w/ Electronic Brake Force Distribution		S		
Tires	195/65R15 Michelin Energy Saver A/S	S	-	-



	205/55R16 Michelin Energy Saver A/S	-	S	S	
	225/45R17 Michelin Primacy MXM4	O	-	-	
Wheels	15 x 6.0J Aluminum Alloy w/ Covers (A)	S	-	-	
	15 x 6.0J Aluminum Alloy w/ Covers (B)	O	-	-	
	16 x 6.5J Aluminum Alloy (A)	-	-	S	
	16 x 6.5J Aluminum Alloy (B)	-	S	-	
	17 x 7.0J Aluminum Alloy	O	-	-	
EXTERIOR DIMENSIONS (in)		Hybrid	Plug-In Hybrid	Electric	
Wheelbase	106.3				
Overall length	176.0				
Overall width (excludes mirrors)	71.7				
Overall height	56.9		57.1		
INTERIOR DIMENSIONS (in)		Hybrid	Plug-In Hybrid	Electric	
Head room (w/ sunroof)					
Front	39.1 (38.2)				
Rear	37.4				
Leg room					
Front	42.2				
Rear	35.7				
Shoulder room					
Front	56.1				
Rear	55.0				
Hip room					
Front	53.8				
Rear	52.9				
WEIGHTS		Hybrid		Plug-In Hybrid	Electric
Curb Weight	Blue	SEL	Limited	3,318 – 3,417	3,164
	2,996	3,031	3,115		



GVWR	3,935	4,079	4,079	4,343	4,189
CAPACITIES	Hybrid		Plug-In Hybrid		Electric
Fuel (gallons)	11.9		11.4		Not Applicable
VOLUME (cubic ft.)	Hybrid		Plug-In Hybrid		Electric
Passenger	96.2				
Cargo capacity	26.5		23.0		23.0
Total interior	122.7		119.2		119.2
FUEL ECONOMY	Hybrid		Plug-In Hybrid		Electric
Gasoline (HEV Mode): City/Highway/Combined	TBD		TBD		Not Applicable
Electric (EV Mode): MPGe (Plug-in Hybrid & Electric)	Not Applicable		TBD		TBD
CHARGING TIMES	Hybrid		Plug-In Hybrid		Electric
110 / 120V (Level 1)	Not Applicable		~8 hours 30 minutes		Not Recommended
220 / 240V (Level 2)			2 hours 18 minutes		~4 hours 25 minutes
SAE Combo DC Fast Charge (Level 3)			Not Applicable		80% in 23 minutes (100 kW) 80% in 33 minutes (50 kW)