

## 2022 IONIQ 5 Specifications

Hyundai Motor America  
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### MECHANICAL

#### Electric Motor

Permanent-Magnet Synchronous Motor (PMSM)

Maximum Power

Maximum Torque

All Electric Range

#### RWD

#### AWD

S

168 kW (225HP)

74 kW + 165 kW (320HP)

350 Nm (258 lb-ft.)

605 Nm (446 lb-ft.)

SE/SEL/Limited: 303 miles

SE/SEL/Limited: 256 miles

#### Battery

#### RWD and AWD

Battery Type

Lithium-ion Polymer

Voltage

697V

Battery System Capacity

77.4 kWh

Max Vehicle Operation Speed, Electronically Governed

115 MPH

Charge Time

AC Level II, Standard 240V  
(from 10% → 100% charge)

6 hrs 43 min

Rapid Charging: 150kW (400V)  
(from 10% → 80% charge)

25 min (est.)

Rapid Charging: >250kW (800V)  
(from 10% → 80% charge)

18 min

Charge Port

Rear Quarter / Passenger Side

Battery Heating System

-

S

Battery Supplier

SK Innovation

Structure

2P192S

Cell Construction

TBD

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MECHANICAL	
Battery (cont.)	RWD / AWD
Power Output	272 kW
Energy Density (Wh/lb.)	73.8 (standard charge) / 73.6 (fast charge)
Weight (lbs.)	1049.0 (Long Range Standard Charge) / 1051.8 (Long Range Fast Charge) (not including cooling / hosepipe)
On-Board Charger (OBC)	All Models
Ultra-Fast Charger (up to 800V / 350 kW)	S
Max Capacity (kW)	10.9
Output Density (kVA/liter)	1.28

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MECHANICAL (cont'd)		
Electrical System		All Models
Non-traction electrical system		12-volt
Transmission and Drive System		All Models
Drive Configuration		RWD / AWD
Transmission Type	Single-speed Reduction Gear	S
	Shift-by-wire	
Gear Ratio / Final Gear Ratio		2.263 / 4.706
Clutch Type		Front: Dog clutch (disconnecter) / Rear: none
Lubricant Oil Capacity		Front: 3.2 liters / Rear: 3.4 liters
Drive Mode Select (Eco → Comfort → Sport → Snow)	Steering-wheel button	S
Steering		All Models
Rack and pinion type steering gear		S
Motor Driven Power Steering (R-MDPS) - Power assisted, rack-mounted		S
Overall Ratio		14.26 : 1
Turns (lock to lock)		2.67
Turning Diameter (curb to curb, ft)		39.3

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MECHANICAL (cont'd)		
Brakes		All Models
Front	Type	Ventilated Disc
	Size (diameter x thickness, mm)	Φ325x30t (12.8")
Rear	Type	Solid Disc
	Size (diameter x thickness, mm)	Φ325x12t (12.8")
ABS with Electronic Brake-force Distribution (EBD)	Number of Wheels	S
	Number of Channels	4
	Number of Sensors	4
Hillstart Assist Control (HAC)		S
Downhill Brake Control (DBC)		S
Brake-Booster	Active Hydraulic Booster (Regenerative Brake)	S
Brake Assist		S
Electric Parking Brake	w/ Automatic Vehicle Hold	S
Regenerative brake control paddles		S

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MECHANICAL (cont'd)		
Suspension		All Models
Front	Type	MacPherson strut
	High-Performance Damper	S
Rear	Type	Multi-link (5-link)
	High-Performance Damper	S
Body/Chassis		All Models
Type		Unibody (Monocoque body)
Materials	Primary	Advanced High-Strength Steel; High Tensile Steel

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DIMENSIONS/WEIGHTS/CAPACITIES		
Exterior (inches)	All	
Wheelbase	118.1	
Overall Length	182.5	
Overall Width	74.4	
Overall Height	63.0	
Tread Width (Front) - 19" / 20"	64.6 / 64.2	
Tread Width (Rear) - 19" / 20"	65.0 / 64.6	
Overhang (front/rear)	33.3 / 31.1	
Minimum Ground Clearance	6.1	
Coefficient of Drag (Cd) <i>(lowest)</i>	0.288	
Interior (inches)	All	
Head Room (front (with sunroof) / rear (with sunroof))	39.8 (39.1) / 38.7 (37.5)	
Leg Room (front/rear)	41.7 / 39.4	
Shoulder Room (front/rear)	57.7 / 57.7	
Hip Room (front/rear)	53.9 / 53.6	
Weights	RWD	AWD
Curb Weight (lbs)	4,200 – 4,414	4,464 – 4,662
GVWR RWD/AWD (lbs)	5,357	5,600
Maximum Trailer Weight with Trailer Brake / without Trailer Brake (lbs)	2,000 lbs / 1,650 lbs	

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DIMENSIONS/WEIGHTS/CAPACITIES (cont'd)		
SAE Volume (cubic feet)	All	
Total interior volume	133.7	
Passenger interior volume	106.5	
Cargo capacity, rear seats up	27.2	
Cargo capacity, rear seats folded down	59.3	
Cargo capacity, Front Trunk "Frunk"	0.85	
Fuel Economy / EPA Ratings	RWD	AWD
MPGe (City / Highway / Combined)	132 / 98 / 114	110 / 87 / 98
Driving Range (miles)	303	256
CO2 (grams/mile)	0	
Annual Fuel Cost (USD)	600	
Fuel Economy & Greenhouse Gas Rating		
Smog Rating		
Model Index	68	69

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## SUV Towing Reference Guide

Model Years	Model	Towing Capacity (w/ trailer brakes)	Towing Capacity (w/o trailer brakes)	Trailer Prep Package included?	Trailer Sway Control?	Auto-Leveling Rear Suspension?	Equipment included for trailering
2022-	Ioniq 5	2,000 (*towing not recommended for Standard Range RWD)	1,650 (*towing not recommended for Standard Range RWD)	Yes			<ul style="list-style-type: none"><li>Pre-wiring only</li></ul>

Other Notes:

- All trailer prep packages are provisioned for a 4-pin trailer wiring system (7-pin for Palisade and 2.5T Santa Fe)
- There is no specific provision for brake controller wiring
- Tongue load is recommended to be 10% of total trailer load, following industry practice and safety guidelines, as also noted in the owner's manual
- Specifications for towing capacities and trailering equipment is for the United States market only