

2023 IONIQ 5 Specifications

MECHANICAL				
Electric Motor		RWD (Standard Range)	RWD	AWD
Permanent-Magnet Synchronous Motor (PMSM)		S		
Maximum Power		125 kW (168HP)	168 kW (225HP)	74 kW + 165 kW (320HP)
Maximum Torque		350 Nm (258 lb-ft.)	350 Nm (258 lb-ft.)	605 Nm (446 lb-ft.)
All Electric Range		SE Standard Range: 220 miles	SE/SEL/Limited: 303 miles	SE/SEL/Limited: 266 miles
Battery		RWD Standard Range	RWD and AWD	
Battery Type		Lithium-ion Polymer		
Voltage		522.7V	697V	
Battery System Capacity		58.0 kWh	77.4 kWh	
Max Vehicle Operation Speed, Electronically Governed		115 MPH		
Charge Time	AC Level II, Standard 240V (from 10% → 100% charge)	5 hrs 50 min	7 hrs 10 min	
	Rapid Charging: 150kW (400V) (from 10% → 80% charge)	TBD	25 min (est.)	
	Rapid Charging: >250kW (800V) (from 10% → 80% charge)	18 min	18 min	
Charge Port		Rear Quarter / Passenger Side		
Battery Heating System	Battery preconditioning function	S		
Battery Supplier		SK Innovation		
Structure		TBD	2P192S	
Cell Construction		TBD		

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MECHANICAL		
Battery (cont.)	RWD (Standard Range)	RWD / AWD
Power Output	195 kW	272 kW
Energy Density (Wh/lb.)	71.1 (standard charge)	73.8 (standard charge) / 73.6 (fast charge)
Weight (lbs.)	815.7 (not including cooling / hosepipe)	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
		4
Hillstart Assist Control (HAC)		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) (lowest)	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 (Standard Range)	RWD	AWD
Curb Weight (lbs)	3,968	4,200 – 4,414	4,464 – 4,663
GVWR RWD/AWD (lbs)	TBD	5,357	5,600
Maximum Trailer Weight with Trailer Brake / without Trailer Brake (lbs)	Not Recommended	2,300 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 (Standard Range)	RWD	AWD
MPGe (City / Highway / Combined)	127/94/110	132/98/114	113/90/101
Driving Range (miles)	220	303	266
CO2 (grams/mile)	0		
Annual Fuel Cost (USD)	650		700
Fuel Economy & Greenhouse Gas Rating	10		
Smog Rating	10 (ZEV)		
Model Index	35	34	33

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
2023-	IONIQ 5	2,300 (*towing not recommended for Standard Range RWD)	1,650 (*towing not recommended for Standard Range RWD)	Yes			<ul style="list-style-type: none">Pre-wiring only

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