

News Release

New IONIQ: Hyundai's revolutionary eco-friendly model offers a range of new enhancements

Technical specifications

Engine (IONIQ Hybrid and IONIQ Plug-in)	
Type	KAPPA 1.6 ATKINSON GDI
Displacement	1,580 cc
Bore x stroke	72 X 97 mm
Compression ratio	13.0
Power	105 PS @ 5,700 rpm
Torque	147 Nm @ 4,000 rpm

Electric Motor (IONIQ Hybrid)	
Type	Permanent Magnet Synchronous Motor
Maximum Power (kW/PS)	32 kW / 43.5 PS
Maximum Torque (Nm)	170 Nm

Battery (IONIQ Hybrid)	
Type	Lithium-Ion Polymer
Capacity (kWh)	1.56 kWh
Power Output (kW)	42 kW
Voltage (V)	240 V

Electric Motor (IONIQ Plug-in)	
Type	Permanent Magnet Synchronous Motor
Maximum Power (kW/PS)	44.5 kW / 60.5 PS

Maximum Torque (Nm)	170 Nm
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Battery (IONIQ Plug-in)	
Type	Lithium-Ion Polymer
Capacity (kWh)	8.9 kWh
Power Output (kW)	59 kW
Voltage (V)	360 V
On Board Charger (IONIQ Plug-in)	
Max. capacity (kW)	3.3

System Output	
Max Power (kW / PS)	104 kW / 141 PS
Max Torque (Nm)	265 Nm

Electric motor (IONIQ Electric)	
Type	Permanent Magnet Synchronous Motor
Maximum Power	136 PS
Maximum Torque	295 Nm
Maximum speed	165 km/h
CO ₂ combined (g/km)	0
All electric range (target WLTP)	294 kms

Battery (IONIQ Electric)	
Type	Lithium-ion Polymer
Capacity (kWh)	38.3 kWh
Power Output (kW)	113
Energy Density (kwh/kg)	112.4 (w/o battery heater) 111.2 (w/ battery heater)
Voltage (V)	319.4

On Board Charger	
Max. capacity (kW)	7.2
Charging Time	

Charge Time to 80% (from "0%" indicated)/ Standard AC	Minimum 6 hrs 5 mins
Charge Time to 80% (from "0%")/ Quick Charge DC	@ 50 kW charge point: Approx. 57 min @ 100 kW: Approx. 54 min

Transmission (IONIQ Hybrid and IONIQ Plug-in)	
Automatic	6-Speed Dual Clutch Transmission

Transmission (IONIQ Electric)	
Automatic	Single Speed Reduction Gear

Gear ratios (IONIQ Hybrid)	
	KAPPA 1.6 ATKINSON GDI / 6 DCT
1 st	3.867
2 nd	2.217
3 rd	1.371
4 th	0.930
5 th	0.956
6 th	0.767
Reverse	5.351
Final drive	4.188 / 3.045 (1ST-4TH / 5TH - Reverse)

Gear ratios (IONIQ Electric)	
	Single Speed Reduction Gear/ 38.3 kWh Battery

Gear ratio	7.412
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Suspension and damping	
Front	Macpherson Strut Type with Gas shock absorbers
Rear	Multi-link Type (IONIQ Hybrid) and Torsion Beam Type (IONIQ Electric) with gas shock absorbers

Steering (IONIQ Hybrid and IONIQ Plug-in)	
Type	Rack & Pinion
Gearing	2.66 turns lock-to-lock
Turning radius	5.3 metres (minimum)
Overall Steering Gear Ratio	13:9:1

Steering (IONIQ Electric)	
Type	Rack & Pinion
Gearing	2.85 turns lock-to-lock
Turning radius	5.3 metres (minimum)

Overall Steering Gear Ratio	15:1:1
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Brakes (all models)	
Front (Diameter)	280 mm
Rear (Diameter)	IONIQ Hybrid: 262 mm IONIQ Plug-in and IONIQ Electric: 284 mm
Assistance	ABS, EPB (Std. EV, Opt. HEV/PHEV), ESC and AEB

Wheel type (IONIQ Hybrid)	Tyres (IONIQ Hybrid)
6.0J x 15-inch alloy wheels	195 / 65 R15
7.0J x 17-inch alloy wheels	225 / 45 R17

Wheel type (IONIQ Plug-in)	Tyres (IONIQ Plug-in)
6.5J x 16-inch alloy wheels	205 / 55 R16

Wheel type (IONIQ Electric)	Tyres (IONIQ Electric)
6.5J x 16-inch alloy wheels,	205 / 60 R16

Exterior (mm)

Overall length	4.470
Overall width	1.820

Overall height	1.450
Wheelbase	2.700
Ground clearance	140
Front overhang	880
Rear overhang	890
Wheel tread (front)	IONIQ Hybrid: 1.563 / 1.549 (15"/17") IONIQ Electric: 1.555 (16")
Wheel tread (rear)	IONIQ Hybrid: 1.577 / 1.563 (15"/17") IONIQ Electric: 1.564 (16")

Interior (mm)

	First row	Second row
Head room (With / without sunroof)	994 / 1,024 (970 / 1,004)	950
Leg room	1.073 / 1,136	906 / 800
Shoulder room	1.425	1.396
Hip room	1.366	1.344

Capacities (litres)

Fuel tank	IONIQ Hybrid: 45 IONIQ Plug-in: 43
Luggage (l VDA)	IONIQ Hybrid: min 456 l / 563 l / max 1518 l (VDA 211/ 213 /214)

	IONIQ Plug-in: min 341 l / 446 l / max 1401 l (VDA 211/ 213 /214) IONIQ Electric: min 350 l / 455 l /max 1410 l (VDA 211 / 213 / 214)
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Weight (IONIQ Hybrid)	
Curb weight (kg) (in running order without driver)	1.361
Maximum Payload	509
Gross Vehicle Weight (kg)	1.870

Weight (IONIQ Plug-in)	
Curb weight (kg) (in running order without driver)	1.495
Maximum Payload	475
Gross Vehicle Weight (kg)	1.970

Weight (IONIQ Electric)	
Curb weight (kg) (in running order without driver)	1.420
Maximum Payload	460
Gross Vehicle Weight (kg)	1.880

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About Hyundai Motor Europe HQ

Hyundai Motor Europe was formally established in 2000 with its main office in Offenbach, Germany. Hyundai

currently sells cars in 41 European countries through 3,000 outlets and in 2018 achieved registrations of 543,292 vehicles in the region – an increase of 3.9 percent compared to 2017, a higher rate than the market average. 2018 was the fourth consecutive year with a record sales result. 75 percent of the vehicles Hyundai sold in the region are models designed, engineered, tested and built in Europe to meet the needs of European customers, served by the company's extensive European infrastructure. This includes two factories in the Czech Republic and Turkey, which have a combined annual capacity of 600,000 units. Hyundai is proud to offer the youngest product line-up in Europe: 90 per cent of the models are less than two years old. Hyundai offers its unique Five Year Unlimited Mileage Warranty package with all new cars sold in the region, providing customers with a five-year warranty with no mileage limit, five years of roadside assistance and five years of vehicle health checks.

More information about Hyundai Motor Europe HQ and its products is available at www.hyundai.news.

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About Hyundai Motor

Established in 1967, Hyundai Motor Company is committed to becoming a lifetime partner in automobiles and beyond with its range of world-class vehicles and mobility services offered available in more than 200 countries. Employing more than 110,000 employees worldwide, Hyundai sold more than 4.5 million vehicles globally. Hyundai continues to enhance its product line-up with vehicles that are helping to build solutions for a more sustainable future, such as NEXO – the world's first dedicated hydrogen-powered SUV.

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