

IONIQ



# The Hyundai IONIQ line-up: Hybrid – Plug-in – Electric

Technical data and vehicle specifications

November 2018

## Technical data – IONIQ Hybrid / Plug-in Hybrid / Electric

Description	Hybrid 1.6 GDI 141PS Blue Drive 6spd DCT 2WD	Plug-in Hybrid 1.6 GDI 141PS Blue Drive 6spd DCT 2WD	Electric 120PS Single speed Reduction Gear
<b>ENGINE</b>			
Euro Status	EURO 6d Temp	EURO 6d Temp	-
Type	4 Cylinder DOHC	4 Cylinder DOHC	-
Valve	16	16	-
Displacement (cc)	1580	1580	-
Bore and Stroke (mm)	72x97	72x97	-
Compression Ratio	13:1	13:1	-
Max Power (PS/kW)	105 / 77.2 @ 5700 rpm (PS/kW)	105 / 77.2 @ 5700 rpm (PS/kW)	-
Torque (Nm/lbs ft)	147 / 108.4 @ 4000 rpm (Nm/lbs ft)	147 / 108.4 @ 4000 rpm (Nm/lbs ft)	-
0-62mph (seconds)	-	-	-
Top Speed (mph)	-	-	-
<b>ELECTRIC MOTOR</b>			
Electric Motor Type	Permanent Magnet Synchronous Motor (PMSM)	Permanent Magnet Synchronous Motor (PMSM)	Permanent Magnet Synchronous Motor (PMSM)
Electric Motor Max Power (PS/kW)	43.5 / 32.0 (PS/kW)	60.5 / 44.5 (PS/kW)	120 / 88.3 (PS/kW)
Electric Motor Torque (Nm/lbs ft)	170 / 125.4 (Nm/lbs ft)	170 / 125.4 (Nm/lbs ft)	295 / 217.6 (Nm/lbs ft)
0-62mph (seconds)	-	-	9.9
Top Speed (mph)	-	-	103
<b>HYBRID SYSTEM (COMBINED)</b>			
Max Hybrid System Power Output (PS/kW)	141 / 103.7 @ 5700 rpm (PS/kW)	141 / 103.7 @ rpm (PS/kW)	-
Max Hybrid System Torque Output (Nm/lbs ft)	265 / 195.5 @ 4000 rpm (Nm/lbs ft)	265 / 195.5 @ rpm (Nm/lbs ft)	-
0-62mph (seconds)	10.8	10.6	-
Top Speed (mph)	115	110	-
<b>HIGH VOLTAGE BATTERY</b>			
Battery Type	Lithium-ion Polymer	Lithium-ion Polymer	Lithium-ion Polymer
Battery Power (kW)	42	59	120
Battery Capacity (kWh/Ah)	1.56	8.9	28
Voltage	240	360	360
<b>CHARGING</b>			
Charging Port	-	Type 2	CCS Combo / Type 2
Estimated Charging Emergency 3 Pin Connector (ICCB) to (95%)	-	5 to 6 Hours TBC	12 Hours
Estimated Charging POD Point Wallbox 7kW (100%)	-	2H15	4 Hours 25 minutes

Estimated Public 50kW CCS (80%)	-	Not Available	23-30 minutes
On Board Charger (kW)	0	3.3 kW	6.60 kW
<b>SUSPENSION</b>			
Front	MacPherson Strut	MacPherson Strut	MacPherson Strut
Rear	Multi-link	Multi-link	Torsion Beam
<b>STEERING</b>			
System	Rack and Pinion Motor Driven Power Steering (C-MDPS)	Rack and Pinion Motor Driven Power Steering (C-MDPS)	Rack and Pinion Motor Driven Power Steering (C-MDPS)
Steering Wheel Lock to Lock Turns	2.66	2.66	2.66
Turning Circle (metres)	10.6	10.6	10.6
<b>BRAKE</b>			
System	ABS System with Regenerative Brakes	ABS System with Regenerative Brakes	ABS System with Regenerative Brakes
Front	15" Disc	15" Disc	15" Disc
Rear	14" Disc	14" Disc	15" Disc
<b>DIMENSIONS</b>			
Overall Length (mm)	4470	4470	4470
Overall Width (mm) (Excluding Door Mirrors)	1820	1820	1820
Overall Width (mm) (Including Door Mirrors)	2045	2045	2045
Wheelbase (mm)	2700	2700	2700
<b>WEIGHT AND CAPACITY</b>			
Kerb Weight (kg)	1361 - 1469	1495 - 1551	1420 - 1475
Payload (kg)	401 - 509	419 - 475	405 - 460
Gross Vehicle Weight (kg)	1870	1970	1880
Max Tow Weight (kg) - Braked	750	750	Not homologated
Max Tow Weight (kg) - Unbraked	0	0	Not homologated
Gross Train Weight (kg)	2219	2301	Not homologated
Noseweight (kg)	40	40	Not homologated
Max Roof Weight (kg)	0	0	Not homologated
Fuel Tank Capacity (litres)	45	43	Not applicable
<b>SE</b>			
Front Tyre	195/65 R15	-	-
Rear Tyre	195/65 R15	-	-
Front Wheel	6.0J X 15 (alloy)	-	-
Rear Wheel	6.0J X 15 (alloy)	-	-
Front Track	1563	-	-
Rear Track	1577	-	-
Overall Height (mm)	1450	-	-
Luggage Capacity VDA (litres) - Seats Up	443	-	-

Luggage Capacity VDA (litres) - Seats Down	1505	-	-
Maximum Potential EV Driving Range (Miles/Km)	-	-	-
Electric Driving Efficiency (kWh per 100Km)	-	-	-
NEDC e - CO2 Emissions (g/km)	84	-	-
WLTP-Low Phase MPG (l/100km)	64.2 (4.4)	-	-
WLTP-Mid Phase MPG (l/100km)	70.6 (4.0)	-	-
WLTP-High Phase MPG (l/100km)	72.4 (3.9)	-	-
WLTP-Extra High Phase MPG (l/100km)	52.3 (5.4)	-	-
WLTP-Combined MPG (l/100km)	62.8 (4.5)	-	-
<b>Premium</b>			
Front Tyre	195/65 R15	205/55 R16	205/55 R16
Rear Tyre	195/65 R15	205/55 R16	205/55 R16
Front Wheel	6.0J X 15 (alloy)	6.0J X 16 (alloy)	6.5J X 16 (alloy)
Rear Wheel	6.0J X 15 (alloy)	6.0J X 16 (alloy)	6.5J X 16 (alloy)
Front Track	1563	1555	1555
Rear Track	1577	1569	1564
Overall Height (mm)	1450	1450	1450
Luggage Capacity VDA (litres) - Seats Up	443	341	350
Luggage Capacity VDA (litres) - Seats Down	1505	1401	1410
Maximum Potential EV Driving Range (Miles/Km)	-	-	174 / 280
Estimated Real EV Driving Range (Miles/Km)	-	-	130 / 209
Electric Driving Efficiency (kWh per 100Km)	-	10.3	11.5
NEDC e - weighted combined CO2 Emissions (g/km)	-	26	-
NEDC e - CO2 Emissions (g/km)	84	-	0
WLTP-Low Phase MPG (l/100km)	64.2 (4.4)	-	-
WLTP-Mid Phase MPG (l/100km)	70.6 (4.0)	-	-
WLTP-High Phase MPG (l/100km)	72.4 (3.9)	-	-
WLTP-Extra High Phase MPG (l/100km)	52.3 (5.4)	-	-
WLTP-Combined MPG (l/100km)	62.8 (4.5)	-	-

Premium SE			
Front Tyre	195/65 R15	205/55 R16	205/55 R16
Rear Tyre	195/65 R15	205/55 R16	205/55 R16
Front Wheel	6.0J X 15 (alloy)	6.0J X 16 (alloy)	6.5J X 16 (alloy)
Rear Wheel	6.0J X 15 (alloy)	6.0J X 16 (alloy)	6.5J X 16 (alloy)
Front Track	1563	1555	1555
Rear Track	1577	1569	1564
Overall Height (mm)	1450	1450	1450
Luggage Capacity VDA (litres) - Seats Up	443	341	350
Luggage Capacity VDA (litres) - Seats Down	1505	1401	1410
Maximum Potential EV Driving Range (Miles/Km)	-	32 (52)	174 (280)
Electric Driving Efficiency (kWh per 100Km)	-	10.3	11.5
NEDC e - weighted combined CO2 Emissions (g/km)	-	26	-
NEDC e - CO2 Emissions (g/km)	84	-	0
WLTP-Low Phase MPG (l/100km)	64.2 (4.4)	-	-
WLTP-Mid Phase MPG (l/100km)	68.9 (4.1)	-	-
WLTP-High Phase MPG (l/100km)	70.6 (4.0)	-	-
WLTP-Extra High Phase MPG (l/100km)	52.3 (5.4)	-	-
WLTP-Combined MPG (l/100km)	61.4 (4.6)	-	-

-Ends-

### About Hyundai Motor

Established in 1967, Hyundai Motor Company is committed to becoming a lifetime partner in automobiles and beyond. The company leads the Hyundai Motor Group, an innovative business structure capable of circulating resources from molten iron to finished cars. Hyundai Motor has eight manufacturing bases and seven design and technical centres worldwide and in 2015 sold 4.96 million vehicles globally. With more than 110,000 employees worldwide, Hyundai Motor continues to enhance its product line-up with localised models and strives to strengthen its leadership in clean technology, starting with the world's first mass-produced hydrogen-powered vehicle, ix35 Fuel Cell and IONIQ, the world's first model with three electrified powertrains in a single body type.

### About Hyundai Motor UK

Hyundai has sold vehicles in the UK since 1982. In 2005, Hyundai opened its own UK subsidiary, Hyundai Motor UK Ltd, based in High Wycombe. Since 2008, the company has risen from 21st to one of the top 10 car manufacturers in the UK and last year sold a record 92,510 vehicles. Hyundai Motor UK employs more than 3,000 people through its UK operations and dealer network. Hyundai offers a full range of vehicles from the award-winning i10 city car through to the capable Santa Fe SUV and iLoad LCV. All passenger cars come with Hyundai's industry-leading 5 Year Unlimited Mileage Warranty package. Further information about Hyundai and its products is available at [www.hyundai.co.uk](http://www.hyundai.co.uk).

# IONIQ



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