**NEWS**

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**All-new Kia Niro technical specifications\***

**Powertrain**

**Gasoline hybrid electric (HEV)**

**1.6-litre / 141 PS GDi Hybrid electric**

**Type**                       Four cylinder naturally aspirated in-line

**Capacity**                 1,580 cc

**Bore** **and** **stroke**    72 x 97 mm

**Compression** **ratio** 14.0

**Max power**             105 PS @ 5,700 rpm

**Max torque**            147 Nm @ 4,000 rpm

**Valve system**         16 (four per cylinder) Intake and exhaust CVVT

**Fuel system**           Gasoline direct injection

**Battery and electric motor**

**Battery type**           Lithium-ion polymer

**Battery voltage**      240 V

**Battery energy**      1.32 kWh

**Max power (motor)**   32 kW

**Max torque (motor)**   170 Nm

**Fuel economy**        4.4 - 4.7

(combined, L/100km)\*

**CO2 emissions**      100 (16” wheels) / 107 (18” wheels)

(weighted combined, g/km)\*

\*Fuel economy and emissions: driving range standards are calculated using the Worldwide Harmonised Light Vehicle Test Procedure (WLTP). Figures refer to the low value.

**0-100 km/h**             10.4 seconds

**Top speed (km/h)**  165 (16” wheels)

**Transmission:**       Six-speed dual-clutch transmission (6DCT)

**Gasoline plug-in hybrid (PHEV)**

**1.6-litre / 183PS GDi Plug-in hybrid**

**Type**                     Four cylinder naturally aspirated in-line

**Capacity**             1,580 cc

**Bore and stroke**    72 x 97 mm

**Compression ratio** 14.0

**Max power**             105 PS @ 5,700 rpm

**Max torque**            147 Nm @ 4,000 rpm

**Valve system**         16 (four per cylinder) Intake and exhaust CVVT

**Fuel system**           Gasoline direct injection

**Battery and electric motor**

**Battery type**           Lithium-ion polymer

**Battery voltage**      360 V

**Battery energy**      11.1 kWh

**Max power (motor)**   62 kW

**Max torque (motor)**  203 Nm

**Fuel economy**         0.8 - 1.0

(combined, L/100km)\*

**CO2 emissions**      19 (16” wheels) / 23 (18” wheels)

(combined g/km)\*

**All-electric range\***  65km (16” wheels) / 59 km (18” wheels)

City all-electric range\* 84km (16” wheels) / 76 km (18” wheels)

\*Fuel economy and emissions: driving range standards are calculated using the Worldwide Harmonised Light Vehicle Test Procedure (WLTP). Figures refer to the combined and urban values.

**0-100 km/h**             9.6 seconds

**Top speed (km/h)** 168 (16” wheels)

**Transmission:**       Six-speed dual-clutch transmission (6DCT)

**Battery electric (BEV)**

**150kW Battery electric**

**Battery and electric motor**

**Battery type**           Lithium-ion polymer

**Battery voltage**      358 V

**Battery energy**      64.8 kWh

**Max power (motor)**   150 kW @ 6,000~9,000

**Max torque (motor)**   255Nm @ 6,000~9,000

**Economy**        16.2

(combined, kWh/100km)\*

**CO2 emissions**      0

(combined g/km)\*

**All-electric range**  460 km

City all-electric range\* 604 km

\*Economy and emissions: driving range standards are calculated using the Worldwide Harmonised Light Vehicle Test Procedure (WLTP). Figures refer to the combined and urban values.

**0-100 km/h**             7.8 seconds

**Top speed (km/h)** 167

**Transmission:**       Single speed reduction

**Drivetrains**

**Front-wheel drive (FWD)**

**Suspension** Multi-link (rear) type with MacPherson struts (front)

**Steering**

**Type**   Column-type motor-driven power steering (C-MDPS)

**Steering ratio**  13.7 (HEV) 13.3 (PHEV, BEV)

**Turns (lock-to-lock)**  2.57 (HEV) 2.66 (PHEV, BEV)

**Turning radius (m)** 5.3

**Wheels and tyres**

**Standard**                Alloy 16-inch, 205/60R16 (Standard on HEV/PHEV)

Alloy 17-inch, 215/55R17 (Standard on BEV)

Alloy 18-inch, 225/45R18 (Optional on HEV/PHEV)

**Spare**                     Standard tyre mobility kit / Optional temporary steel

spare wheel or full-size alloy wheel available on HEV

**Brakes**

**Front**                       280x25mm (HEV/PHEV) 305x25mm (BEV), ventilated discs

**Rear**                        284x10mm, (HEV/PHEV/BEV), ventilated discs

**Dimensions (mm)**

**Exterior**

**Overall length**        4,420           **Overall width**         1,825

**Overall height**        1,545 (HEV/ PHEV) 1,570 (EV)

**Wheelbase**         2,720           **Front overhang** 895

**Rear overhang**      805               **Ground clearance** 160 (HEV/ PHEV) 150 (EV)

**Interior**

**1st row           2nd row**

**Head room**             1,028           1,005 (HEV/PHEV) 967 (BEV)

**Leg room**               1,053           1,011 (HEV/PHEV) 938 (BEV)

**Maximum cargo capacity (litres)**

**Behind 2nd row With rear seats folded**

**Hybrid electric (HEV)** 451 1445

**Plug-in Hybrid (PHEV)** 348 1342

**Battery electric (BEV)**  475 (+20 litre frunk) 1392

**Fuel capacity (litres)**

Fuel tank                42 (HEV) 37 (PHEV)

**Weights (kg)**

**Curb weight (maximum)**  1,490 (HEV) 1,610 (PHEV) 1,739 (BEV)

**Gross weight (maximum)** 1,940 (HEV) 2,060 (PHEV) 2,200 (BEV)

**Tow load, without brake**  600 (HEV & PHEV) 300 (EV)

**Tow load, with brake**        1,300 (HEV & PHEV) 750 (EV)