

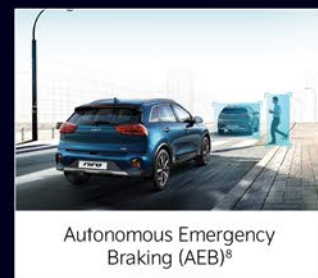
Niro MY22 - Mechanical & Feature List

| Engines | 1.6L Hybrid (HEV) | 1.6L Plug-In Hybrid (PHEV) | 64 kWh Electric (EV) |
|--|---|---|---|
| Engine Type | 1.6 Kappa GDI ¹ DOHC ² D-CVVT ³ + Electric Motor | | Electric Motor |
| Capacity (cc) | 1,580 | | - |
| Max. Combined Power (Petrol + Electric) kW | 104 | | 150 |
| Max. Combined Torque (Petrol + Electric) Nm | 265 | | 395 |
| Model Variants | S, Sport | | |
| Electric Motor | | | |
| Motor Type | Permanent Magnet Synchronous Motor | | |
| Hybrid Type | Parallel (Transmission Mounted) | | - |
| Battery & Charging⁴ | | | |
| Battery Type | Lithium-ion Polymer | | |
| Voltage (V) / Capacity (Ah) | 240 / 6.5 | 360 / 24.7 | 356 / 180 |
| Energy (kWh) | 1.56 | 8.9 | 64 |
| AC Charging Capacity (OBC - On Board Charger) | - | AC charging up to 3.3kW | AC charging up to 7.2kW |
| AC Charge 0-100% - with Portable 2.3kW Trickle Charger ⁵ (ICCB) Included with vehicle | - | 4 - 6hr | 29hr |
| AC Charge 15-95% - with a 3.3kW Charger ⁴ | - | 2hr 15m | - |
| AC Charge 0-100% - with a 7.2kW Charger ⁴ | - | - | 9hr 35m |
| DC Fast Charger 0-80% (50kW Charger / 100kW Charger) ⁴ | - | - | 1hr 15m / 54m |
| Transmission | | | |
| 6 Speed Dual Clutch Transmission (DCT) with 2WD (Front Wheel Drive) | • | | - |
| Single Speed Transmission (reduction gear) with 2WD (Front Wheel Drive) | - | | • |
| Dimensions | | | |
| Overall length / width with door handles / height with roof rails (mm) | 4,355 / 1,805 / 1,545 | | 4,375 / 1,805 / 1,570 |
| Wheelbase (mm) | 2,700 | | 2,700 |
| Luggage space (rear seats down / up) (L, VDA) | 1,408 / 410 | 1,322 / 324 | 1,405 / 451 |
| Fuel & Energy Consumption | | | |
| Pure Electric Range (km) | S Sport | S Sport | S Sport |
| Hybrid Mode Select | - | • | - |
| Energy Consumption (Wh/km) | - | 98 (NEDC 81/02) ⁶ | 159 (WLTP) ⁶ |
| Fuel Consumption (L/100km) - Combined / Urban / Extra-urban ⁵ | 3.8 / 3.8 / 3.9 | 4.4 / 4.4 / 4.5 | 1.3 Combined |
| CO ₂ Emission (g/km) - Combined / Urban / Extra-urban | 88 / 87 / 89 | 101 / 87 / 89 | 29 Combined |
| Fuel type recommended ⁷ | Regular unleaded ⁷ | | |
| Fuel tank capacity (L) | 45 | 43 | - |
| Wheels & Tyres | | | |
| Wheel type / size | Alloy 16" 205/60 R16 Michelin ENERGY SAVER+ | Alloy 18" 225/45 R18 Michelin PILOT SPORT 4 | Alloy 16" 205/60 R16 Michelin ENERGY SAVER+ |
| Tyres | | | Alloy 17" 215/55 R17 Michelin PRIMACY 3 |
| TPMS (Tyre Pressure Monitoring System) | • | | |
| Spare wheel type | Temporary Spare (Steel) | Tyre Repair Kit | |
| Safety⁸ | | | |
| ABS (Anti-lock Braking System) with EBD ⁹ & BA ¹⁰ | • | | |
| ESC (Electronic Stability Control) with TCS ¹¹ | • | | |
| AEB (Autonomous Emergency Brake) with FCWS (Forward Collision Warning System) - Car, Pedestrian, Cyclist | • | | |
| BSD (Blind Spot Dection) with Rear Cross Traffic Alert (RCTA) | Sport Only | Sport Only | Sport Only |
| LKA (Lane Keeping Assist) with LFA (Lane Following Assist) | • | | |
| Rain Sensing Wipers | • | | |
| Rear view camera and reverse parking sensors with dash display & dynamic parking guidelines | • | | |
| Electro Chromatic rear view mirror (Auto-dimming) | Sport Only | Sport Only | • |
| Child restraint anchorage points (3 x top tether / 2 x ISOFIX) | • | | |
| Driver & front passenger SRS airbags | • | | |
| Front side SRS airbags | • | | |
| Driver's knee SRS airbag | • | | |
| Curtain SRS airbags (1st & 2nd rows) | • | | |
| Front seatbelt pre-tensioners with load limiters | • | | |
| Side door impact beams (front & rear) | • | | |
| Impact sensing auto door unlocking | • | | |
| Interior Features | | | |
| ASCC (Advanced Smart Cruise Control) with steering wheel mounted controls | • | | |
| Leather appointed steering wheel ¹² | • | | |
| Shift knob type | H-Matic | H-Matic | Dial Type |
| 4.2" colour TFT Supervision instrument cluster | • | | |
| 7" colour TFT LCD Supervision instrument cluster | • | | |
| DAB Digital Radio with AM/FM tuner ¹³ | • | | |
| Satellite navigation multimedia system with 10 years traffic information and map update | Sport Only | Sport Only | Sport Only |
| Sounds of Nature | Sport Only | Sport Only | - |
| Bluetooth ¹⁴ Multi-Connection Functionality (phone/media stream) ¹⁴ | • | | |
| Climate control air conditioning | Dual Zone | Dual Zone | Single Zone |
| 2nd row vents (behind centre console) | • | | |

For full specifications list visit www.kia.com/au/cars/niro/features.html

• Standard - Not available

Features



Autonomous Emergency Braking (AEB)⁸



Advanced Smart Cruise Control (ASCC)⁸ with Lane Follow Assist (LFA)⁸



Apple CarPlay^{TM16} & Android Auto^{TM18}



Climate Control Air Conditioning



Blind Spot Detection (BSD)⁸ (Sport)



Rear Cross Traffic Alert (RCTA)⁸ (Sport)



10.25" Touchscreen with Navigation (Sport)



8 Speaker Premium JBL[®] Sound System (EV Sport)

Exterior Colours



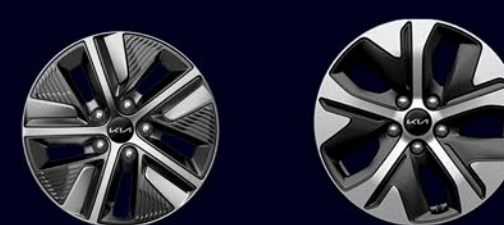
Interior Colours



Black Cloth & Leather¹² Appointed (HEV S, PHEV S, EV S)

Black Premium Seats (HEV Sport, PHEV Sport, EV Sport)

Wheels



16" Alloy Wheel (HEV S, PHEV S & Sport)

17" Alloy Wheel (EV S & Sport)

Engines



77.2kW 1.6 GDI¹ Engine with 32kW Permanent Magnetic Electric Motor (HEV)

77.2kW 1.6 GDI¹ Engine with 44.5kW Permanent Magnetic Electric Motor (PHEV)

150kW Electric Motor with 64kWh Lithium-Ion Polymer Battery (EV)



18" Alloy Wheel (HEV Sport)

For full terms and conditions, visit www.kia.com/au Kia Australia ABN 97 110 483 353 Locked Bag 2207, North Ryde BC NSW 1670. Specifications apply to 2022 Model Year Niro. Kia Australia reserves the right to discontinue or change the models, features, specifications, options, designs and prices of products referred to in this sheet without incurring any liability whatsoever to any purchaser or prospective purchaser of any such products. Some of the items herein are optional at additional cost. Consult your Kia dealer for the latest information on models, specifications, features, prices, options and availability. Note: As of 19 July 2021, the above vehicle has undergone all necessary inspections by the Kia Australia Product Planning team with the exception of a physical inspection due to the current COVID-19 lockdown in Sydney. A physical inspection will be conducted by KAU at the nearest available port in Sydney once current restrictions are lifted. ¹ GDI - Gasoline Direct Injection. ² DOHC - Dual Overhead Cam. ³ D-CVVT - Dual Continuous Variable Valve Timing. ⁴ Charging times are based on KMC testing and actual charge times will be dependent on charging conditions, including home charging type and condition, battery temperature as well as ambient temperature. Before using this product at home, consult with a licensed electrician to ensure your home electrical system can support the use. ⁵ Fuel consumption figures are based on ADR 81/02 test results (same as NEDC defined by UNECE R101/01). They are useful in comparing the fuel consumption of different vehicles. They may not be the fuel consumption achieved in practice. This will depend on traffic and road conditions and how the vehicle is driven. Real life driving results will vary depending on a combination of driving style, type of journey, vehicle configuration, battery age and condition, use of vehicle features (such as heating and air conditioning), as well as operating, environmental and climate conditions. ⁶ Figure based on WLTP (Worldwide Harmonised Light-Duty Vehicles Test Procedure) static laboratory combined average city and highway cycle test, which measure energy consumption, range and emissions in passenger vehicles, designed to provide figures closer to real-world driving behaviour. Real life driving results will vary depending on a combination of driving style, type of journey, vehicle configuration, battery age and condition, use of vehicle features (such as heating and air conditioning), as well as operating, environmental and climate conditions. ⁷ E10 Compatible. ⁸ Safety technologies are supplemental systems and do not replace the need for the driver to exercise care and attention. ⁹ EBD - Electronic Brake Distribution. ¹⁰ BA - Brake Assist. ¹¹ TCS - Traction Control System. ¹² Leather appointed may comprise of genuine leather, polyurethane and other man-made materials or a combination thereof. ¹³ FM frequencies 87.5MHz-108.0MHz and AM frequencies 531kHz-1602kHz. JBL is a trademark of Harman International Industries, Incorporated. ¹⁴ Not all mobile phones will be compatible with the vehicle's Bluetooth[®] system. Bluetooth[®] is a registered trademark of Bluetooth SIG. ¹⁵ Wireless Apple CarPlay[™] function requires compatible smartphone and does not support wired connectivity. ¹⁶ Wireless Android Auto[™] function requires compatible smartphone and also supports wired connectivity. ¹⁷ Apple CarPlay[™] connectivity requires compatible iOS device. See apple.com/au for more details. Apple CarPlay[™] is a registered trademark of Apple Inc. ¹⁸ Android Auto[™] connectivity requires compatible Android device. See android.com/intl/en_au/ for more details. Android Auto[™] is a registered trademark of Google Inc. ¹⁹ The Federal Chamber of Automotive Industries (FCAI) defines the MA category as Passenger Cars and Light SUVs. The Australian Vehicle CO₂ emissions standard found the MA outcome for 2020 was 150g/km CO₂, based on annual new vehicle sales. Hybrid CO₂ emissions figure based on the combined figure of 88g/km for the S variant. Plug-in Hybrid CO₂ emissions figure based on the combined figure of 29g/km for the S and Sport variants. ²⁰ Premium paint at additional cost. ²¹ Smart Regenerative braking is a driver assistance system and does not replace the need for using the brake pedal.



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Niro

Model Year 2022



Hybrid (HEV)

S - HEV

- 1.6L 4 Cylinder Petrol Engine + 32kW Electric Motor & 1.56kWh Lithium-ion Polymer Battery
- 6 Speed Dual Clutch Transmission
- 16" Alloy Wheels with Michelin ENERGY SAVER+ Tyres
- Temporary Spare Steel Wheel
- Halogen Headlights
- Cloth & Leather¹² Appointed Seats
- 8" Touchscreen with DAB Digital Radio
- 6 Speaker Sound System
- Dual-Zone Climate Control Air Conditioning
- Bluetooth[®] Multi-Connection Functionality²⁰
- Autonomous Emergency Braking (AEB)⁹
- Lane Keep Assist⁹ with Lane Follow Assist⁹
- DAA+ (Driver Attention Alert) with Lead Vehicle Departure Alert⁹
- Wireless¹⁵ Apple CarPlay^{™17} & Wireless¹⁶ + Wired Android Auto^{™18}

Sport - HEV

+ ADDITIONAL TO S

- 18" Alloy Wheels with Michelin PILOT SPORT 4 Tyres
- LED Projection Type Headlights
- Premium Seats
- 10.25" Touchscreen
- Wired Apple CarPlay^{™17} & Wireless¹⁶ + Wired Android Auto^{™18}
- Satellite Navigation with 10 years traffic info and map updates
- Electro Chromatic Rear View Mirror (Auto-dimming)
- Alloy Sports Pedals
- Blind Spot Detection (BSD)⁹
- Rear Cross Traffic Alert (RCTA)⁹



3.8L/100km
Fuel Consumption (Combined, ADR 81/02)⁹
(S Model with 16" Alloy Wheels)



104kW
Total Combined Power (Petrol + Electric)
265Nm
Total Combined Torque (Petrol + Electric)



No plugs
The 1.56kWh Battery recharges via regenerative braking



88g/km CO₂
Emissions (Combined, ADR 81/02)⁹
(S Model with 16" Alloy Wheels)
41% Fewer CO₂ Emissions
Compared to the average new Passenger Car & Light SUV Sold in Australia in 2020⁹

What is a Hybrid Electric Vehicle (HEV)?

Niro Hybrid seamlessly blends a small and efficient petrol engine with electric power. This means that the Niro can be powered in multiple ways; solely by the electric motor, solely by the petrol engine or a combination of both. The Niro cleverly switches between these modes based on the driving conditions to provide optimal efficiency. For example, when Niro is stopped at traffic lights or in slow moving traffic, it can switch off the petrol engine entirely, saving fuel and reducing emissions. Meanwhile, the hybrid battery can continue to power functions like the air-conditioning and radio. There is no need to use plugs with the Niro Hybrid, as the battery is recharged through the regenerative braking system. This system captures otherwise lost energy from braking and converts it into electrical energy to recharge the battery.



Plug-In Hybrid (PHEV)

S - PHEV

- 1.6L 4 Cylinder Petrol Engine + 44.5kWh Electric Motor & 8.9kWh Lithium-ion Polymer Battery
- 6 Speed Dual Clutch Transmission
- 16" Alloy Wheels with Michelin ENERGY SAVER+ Tyres
- Tyre Repair Kit
- Halogen Headlights
- Cloth & Leather¹² Appointed Seats
- 8" Touchscreen with DAB Digital Radio
- 6 Speaker Sound System
- Dual-Zone Climate Control Air Conditioning
- Bluetooth[®] Multi-Connection Functionality²⁰
- Autonomous Emergency Braking (AEB)⁹
- Lane Keep Assist⁹ with Lane Follow Assist⁹
- DAA+ (Driver Attention Alert) with Lead Vehicle Departure Alert⁹
- Wireless¹⁵ Apple CarPlay^{™17} & Wireless¹⁶ + Wired Android Auto^{™18}

Sport - PHEV

+ ADDITIONAL TO S

- LED Projection Type Headlights
- Premium Seats
- 10.25" Touchscreen
- Wired Apple CarPlay^{™17} & Wireless¹⁶ + Wired Android Auto^{™18}
- Satellite Navigation with charge locations and 10 years traffic info and map updates
- Interior Mood Lighting (6 Colour)
- Electro Chromatic Rear View Mirror (Auto-dimming)
- Alloy Sports Pedals
- Blind Spot Detection (BSD)⁹
- Rear Cross Traffic Alert (RCTA)⁹
- Smart Key with Push Button Start



1.3L/100km
Fuel Consumption (Combined, ADR 81/02)⁹



104kW
Total Combined Power (Petrol + Electric)
265Nm
Total Combined Torque (Petrol + Electric)



58km
Pure Electric Range (NEDC)⁹



2hrs 15mins
Charging Time*
(AC Charge 15-95%) (3.3kW Charger)



29g/km CO₂
Emissions (Combined)⁹
81% Fewer CO₂ Emissions
Compared to the average new Passenger Car & Light SUV Sold in Australia in 2020⁹



What is a Plug-In Hybrid Electric Vehicle (PHEV)?

Niro Plug-in Hybrid is the next level of hybrid technology and bridges the gap between a hybrid and a fully-electric vehicle.

The PHEV offers a similar package as the Hybrid, but with a slightly more powerful electric motor and a larger battery. This larger battery can be charged by a plug to allow the PHEV to be driven in a pure electric mode for up to 58 kilometres⁵. Once the pure electric range is depleted, the PHEV works like the standard Niro Hybrid.

Did you know that 73% of commuters in Australia travel less than 20 kilometres to work each day? This means that most drivers can complete their daily commute to and from work on pure electric power in the Niro PHEV, reducing the need to visit the petrol station! Niro PHEV also offers a Scheduled Charging function through the in-built multimedia screen. This gives you the ability to set the date and time of when to charge the battery, meaning that depending on your electricity plan/set-up you may be able to utilize off-peak electricity pricing or solar energy to charge your Niro.

Space, meets versatility, meets safety

Niro offers a package with no compromises. The SUV body was designed with practicality and safety at the forefront. By cleverly minimising the front and rear overhang and extending the wheelbase, Niro remains small enough to be nimble and easy to manoeuvre, yet spacious and comfortable to seat 5 with ease. Your passengers will enjoy impressive head, leg and shoulder room, no matter where they're seated. The spacious cargo area was designed to fit your lifestyle, even with the hidden battery pack. 60:40 folding rear seats let you fit larger items and offer expansive versatility for life's adventures. The flexible cargo area allows for up to 451 litres with rear seats up (EV model). If you need even more space, fold down the rear seats to access vastly more space, up to 1,408 litres (L,VDA) (HEV models). With the bags packed and the car loaded, you'll want to ensure your journey is a safe one. Niro has you covered, with 7 airbags included to keep you and your passengers safe. This includes a driver and front passenger airbag, driver's knee airbag, plus front side and curtain airbags.



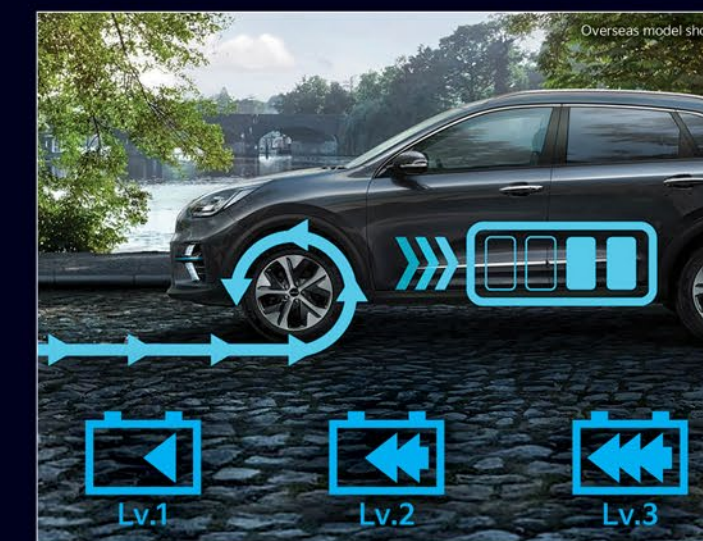
Regenerative Braking (All variants)

Regenerative Braking converts otherwise lost kinetic energy into electrical energy used to recharge the battery. This occurs while the vehicle is decelerating (either by braking or use of steering wheel paddles).

Three levels of regenerative braking can be selected by using the steering wheel paddles.

Left side (☞) Increases regenerative braking level and deceleration.

Right side (☜) Decreases regenerative braking level and deceleration.



Worried about finding a charger?

The clever in-built navigation system (PHEV/EV Sport variants only) contains information on nearby charge stations so that you can easily find places to charge your Niro on the go.

The map also generates an estimation of how far you can travel per charge (EV models only). That means you can plan your journey without the fear of running out of power or being far away from a charging station.

The Smart Regeneration System (EV Only)

Is activated by long pressing the right side steering wheel paddle. This controls the regenerative braking level automatically according to the road gradient and driving condition of the vehicle in front by using the front radar. The system helps to minimise unnecessary operation of the brake and acceleration pedal, improving efficiency. When activated, the word "AUTO" will appear below the regenerative braking indicator in the instrument cluster. Note: If the indicator is white, the radar doesn't recognise any vehicle in front.



Single Pedal Driving (EV Only)

Is a unique and effective way of driving your Niro EV. The design of the Full-Electric powertrain allows for the vehicle to come to a complete stop, all without the need for touching the brake pedal. Pressing and holding the left side steering wheel paddle while the vehicle is coasting will decelerate the vehicle. This can be used to eventually bring the Niro EV to a complete stop by continuing to hold the paddle in.



What is a Full Electric Vehicle (EV)?

Niro EV is a fully-electric vehicle and uses a powerful electric motor and high capacity lithium-ion battery to drive the car, without the need for a traditional internal combustion engine. This means Niro EV delivers impressive range, power and instant acceleration whilst also producing **zero tailpipe emissions**.

The battery is charged through a plug on the front of the Niro. Instead of refuelling at the petrol station, you simply recharge at home, at work, or at one of the growing number of public charging points across the country.

Through regular driving, the electric motor is fed otherwise lost braking energy, captured by the vehicle's regenerative braking system. The EV also features a smart regeneration system, which further assists in improving driving efficiency. The system helps minimise unnecessary operation of the brake and acceleration pedals, by using the front radar to detect and regulate the level of regenerative braking based on what is detected in front.²¹



Full Electric (EV)

S - EV

- 64kWh Lithium-ion Polymer Battery
- Single Speed Reduction Gear Transmission with 2WD (Front Wheel Drive)
- 17" Alloy Wheels with Michelin PRIMACY 3 Tyres
- Tyre Repair Kit
- Halogen Headlights
- Cloth & Leather Appointed¹² Seats
- 8" Touchscreen with DAB Digital Radio
- 6 Speaker Sound System
- Climate Control Air Conditioning
- Bluetooth[®] Multi-Connection Functionality²⁰
- Autonomous Emergency Braking (AEB)⁹
- Lane Keep Assist⁹ with Lane Follow Assist⁹
- DAA (Driver Attention Alert)
- Electro Chromatic Rear View Mirror (Auto-dimming)
- Wireless¹⁵ Apple CarPlay^{™17} & Wireless¹⁶ + Wired Android Auto^{™18}

Sport - EV

+ ADDITIONAL TO S

- LED Projection Type Headlights
- Premium Seats
- 10.25" Touchscreen
- Wired Apple CarPlay^{™17} & Wireless¹⁶ + Wired Android Auto^{™18}
- Satellite Navigation with charge locations and 10 years traffic info and map updates
- 8 Speaker JBL[®] Premium Sound System
- Alloy Sports Pedals
- Blind Spot Detection (BSD)⁹
- Rear Cross Traffic Alert (RCTA)⁹



ZERO
Fuel Consumption



150kW
Total Combined Power
395Nm
Total Combined Torque



455km
WLTP Range⁶ on a single charge



54mins
Charging Time*
(DC Fast Charge 0-80%) (100kW Charger)



ZERO
Emissions