



Embargoed for 10:00AM AEDT, 29 April 2021

**Nissan LEAF e+ flagship has arrived in Australia:
*More power, more range, more LEAF***

- LEAF e+ broadens Nissan's EV range in Australia
- LEAF e+ is fitted with a technologically advanced 62kWh battery, increased from 40kWh in the LEAF
- LEAF e+ produces a thrilling 160kW and 340Nm, reducing 0-100km/h time to 6.9 seconds
- LEAF e+ is both exciting and efficient, with an increased WLTP driving range of 385km²
- Both LEAF and LEAF e+ are Vehicle-to-Grid ready, with bi-directional charging capability
- The Nissan LEAF is priced from MSRP \$49,990⁶. The LEAF e+ is priced from MSRP \$60,490⁶

MELBOURNE, Australia (Apr. 29, 2021) – The new Nissan LEAF e+ has arrived in Australia, acting as an exciting new flagship model in the LEAF electric vehicle range by delivering more power, faster acceleration and an increased driving range between charges.

The “e+” in its name refers to the increased energy density of the model's battery pack and the higher output of its powertrain. The new powertrain adds to the car's range by more than 40 per cent, while unlocking quicker acceleration and faster charging capability.

Now featuring a 62kWh battery, the LEAF e+ sits at the pinnacle of the LEAF range, featuring advanced Nissan Intelligent Mobility technology, and delivering a thrilling 160kW of performance and a WLTP driving range of up to 385km².

Offered alongside the existing Nissan LEAF, the increased driving range provided by the new e+ is designed to further its appeal to customers who travel longer distances between charges, ensuring there is now a LEAF model to suit all needs.

“The Nissan LEAF is one the world's most popular electric vehicle, the new Nissan LEAF e+ will only further that appeal by delivering more of what our customers love about their EV,” says Nissan Australia Managing Director, Stephen Lester.

“With more power, more range and more performance, as well as full bi-directional charging capability, the e+ is simply more LEAF, and helps ensure there really is an EV to suit every need in Australia.

“From zero-emissions commuting in the city to weekends away and everything in-between, the Nissan LEAF and LEAF e+ have you covered”.

The e+ is more LEAF

With an additional 22kWh of energy storage when compared with the LEAF, the newly-developed 62kWh battery pack in the LEAF e+ offers 55 per cent more capacity and an approximate 25 per cent improvement in energy density while retaining a similar shape and size to the 40kWh LEAF battery pack; all without compromising the vehicle's exterior design and interior space.

This new battery has given the LEAF e+ a significantly increased driving range of up to 385km² (WLTP combined mode) on a single battery charge - an additional 115km over the LEAF capability.

The new Nissan LEAF e+ uses a new battery module design that allows for cell modules to vary in number. The new battery module uses an innovative laser welding technique on the cell joints to reduce the overall length of the module. At the same time, by changing the number of lamination layers of the cell, an optimal module height that matches the shape of the vehicle can be achieved.

The combination of these technologies has made it possible to achieve high energy density efficiently inside the battery pack.

The key components for achieving this higher density and reliability are the ternary cathode material and laminated-structure cells (battery cells). Ternary cathode material, which has a layered structure, increases battery storage capacity by allowing lithium ions to be tightly packed (higher density).

Efficiency and excitement

Maximum power and torque outputs have also been increased in the LEAF e+, now an exhilarating 160kW and 340Nm, delivering faster acceleration performance. In the more powerful e+, 0-100km/h is available in just 6.9 seconds.

Just as important, and even more useable in daily driving situations, acceleration from 80km/h to 120km/h is nearly 13 per cent quicker than in the LEAF, allowing the e+ to confidently pass slower-moving vehicles, exit corners faster and more seamlessly and merge easily with fast-moving traffic.

The top speed has also increased by approximately 10 per cent (now 158km/h).

Less time charging, more time driving

Thanks to the new 100kW peak Quick Charging system, the Nissan LEAF e+ can charge more efficiently than ever. Nissan LEAF e+ owners can charge from 20% to 80% in just 45 minutes⁵, despite a 55% larger battery storage capacity.

Vehicle-to-Grid ready

Both the Nissan LEAF and LEAF e+ are capable of bi-directional charging, meaning that energy can not only flow from charger to vehicle, but can also be returned back to a home or other premises as and when required. The Nissan LEAF is still the only 100% electric vehicle to offer bi-directional charging capabilities directly from the factory.

A feature that has the opportunity to revolutionise personal energy storage for consumers in a wide variety of scenarios, it also has significant potential to assist with imbalances in the electricity grid system as power demand ebbs and flows throughout the day.

Nissan is participating in trials that will be deployed in Australia to demonstrate the benefits of this technology to consumers, businesses and the national electricity market.

Technology that matters: Nissan Intelligent Mobility

As the icon of Nissan Intelligent Mobility, LEAF exemplifies the Nissan Intelligent Integration philosophy with an impressive array of connectivity services. The LEAF range comes standard with the NissanConnect infotainment system, with an 8.0-inch touchscreen, and Apple CarPlay® and AndroidAuto™ for seamless smartphone connectivity.

Further enhancing the Nissan LEAF driving experience is e-Pedal, which allows the driver to start, accelerate, decelerate and stop using only the accelerator pedal. To match the additional power and increased mass of the Nissan LEAF e+, Nissan has reprogrammed the e-Pedal software for smoother operation and enhanced pedal feedback, especially for operation in reverse, and for smoother and more rapid deceleration, making it easier to stop the car using e-Pedal, even when reversing.

LEAF and LEAF e+ technical specifications:

Specifications	LEAF 40kWh	LEAF e+ 62kWh
Motor	AC synchronous (EM57)	AC synchronous (EM57)
Battery	Laminated lithium ion	Laminated lithium ion
Battery capacity (kWh)	40	62
Battery voltage (v)	350	350
Driven wheels	2	2
Fuel type	Electricity	Electricity
Transmission	Reduction drive	Reduction drive
Drive selector	Shift-by-wire	Shift-by-wire
Eco Mode	S	S
Performance		
Acceleration, 0-100km (sec)	7.9	6.9
Top speed (km/h)	145	158
Electricity Consumption (Wh/km)	171	180
Maximum power (kW @ 3283-9795 rpm)	110	160
Maximum torque (Nm @ 0-3283 rpm)	320	340
Driving range, indicative real-world WLTP standard (kms)	270 ¹	385 ²
CO2 emissions while driving (g/km)	0	0

Specifications	LEAF 40kWh	LEAF e+ 62kWh
Charging		
On-board AC charger		
Capacity (kW)	6.6	6.6
Charging port	Type 2 (Mennekes)	Type 2 (Mennekes)
Charging time (empty warning to 100%):		
10A MODE-2 cable with 3-pin domestic socket ³	21h00	32h00
Charging time (empty warning to 100%): 32A MODE-3 cable with Type 2 socket ⁴	7h30	11h30
On-board DC quick charger		
Peak Capacity (kW)	50	100
Charging port	CHAdEMO	CHAdEMO
Charging time (20% to 80%): 50kW CHAdEMO quick charger ⁵	60min	90min
Charging time (20% to 80%): 100kW CHAdEMO quick charger ⁵	60min	45min
Bi-directional charge capability	S	S

To learn more about Nissan LEAF, visit <https://www.nissan.com.au/vehicles/browse-range/leaf.html>.

For more information about Nissan's products, services and commitment to sustainable mobility, visit [nissan-global.com](https://www.nissan-global.com). You can also follow us on [Facebook](#), [Instagram](#), [Twitter](#) and [LinkedIn](#) and see all our latest videos on [YouTube](#).

Contact

Karla Leach
Director – Corporate Communications
Nissan Motor Co. Australia
Email: karla_leach@nissan.com.au
Mobile: 0429 334 832

Emily Fadeyev
Senior Manager – Corporate Communications
Nissan Motor Co. Australia
Email: emily_fadeyev@nissan.com.au
Mobile: 0407 820 192

Dominique Duce
Corporate Communications Specialist
Nissan Motor Co. Australia
Phone: +61 3 9797 4181
Email: Dominique_Duce@nissan.com.au

1. 315km range tested to Australian NEDC ADR81/02 standard. 270km indicative driving range using the new WLTP test procedure for the European spec model. Note Australian model has not been tested using WLTP test procedure. Figures obtained after the battery was fully charged. Figures stated for the purposes of comparison amongst vehicles tested to the same technical procedures only. Actual real world driving range may vary depending on factors such as battery age and condition, driving style, use of heating/cooling, traffic conditions, weather conditions, any accessories fitted and vehicle load.
2. 450km range tested to Australian NEDC ADR81/02 standard. 385km indicative driving range using the new WLTP test procedure for the European spec model. Note Australian model has not been tested using WLTP test procedure. Figures obtained after the battery was fully charged. Figures stated for the purposes of comparison amongst vehicles tested to the same technical procedures only. Actual real world driving range may vary depending on factors such as battery age and condition, driving style, use of heating/cooling, traffic conditions, weather conditions, any accessories fitted and vehicle load.
3. Home charging time is based on, and requires use of a 10A / 230v wall socket (GPO). Home Charging time will be dependent on charging conditions, including Home Charging type and condition, battery temperature and size as well as ambient temperature at point of use. Home Charging time is based on Nissan testing. Before using this product at home, consult with a licensed electrician to ensure your homes electrical system can support the use.
4. Home Charging time is based on, and requires use of a 32A / 6.6kW (7kW) wall box. Home Charging time will be dependent on charging conditions, including Home Charging type and condition, battery temperature and size as well as ambient temperature at point of use. Home Charging time is based on Nissan testing. Before using this product at home, consult with a licensed electrician to ensure your homes electrical system can support the use.
5. Time dependent on charging conditions, including charger type and condition, battery temperature as well as ambient temperature at point of use. Indicated rapid charging time requires use of a CHAdeMO rapid charger. The Nissan LEAF (40kW & 62kW) are designed to support the majority of journeys in daily life and is equipped with charging safeguards to protect the battery during repeated rapid charging sessions in a short period of time. The time taken for successive rapid charging can take longer if the battery temperature activates the battery safeguarding technology.
6. Manufacturer suggested retail prices (MSRP) are provided for media purposes only and do not include statutory charges or other on-road costs.