



SHIFT_

NISSAN LEAF

Zero Emission



Zero Emission means zero tailpipe emissions.

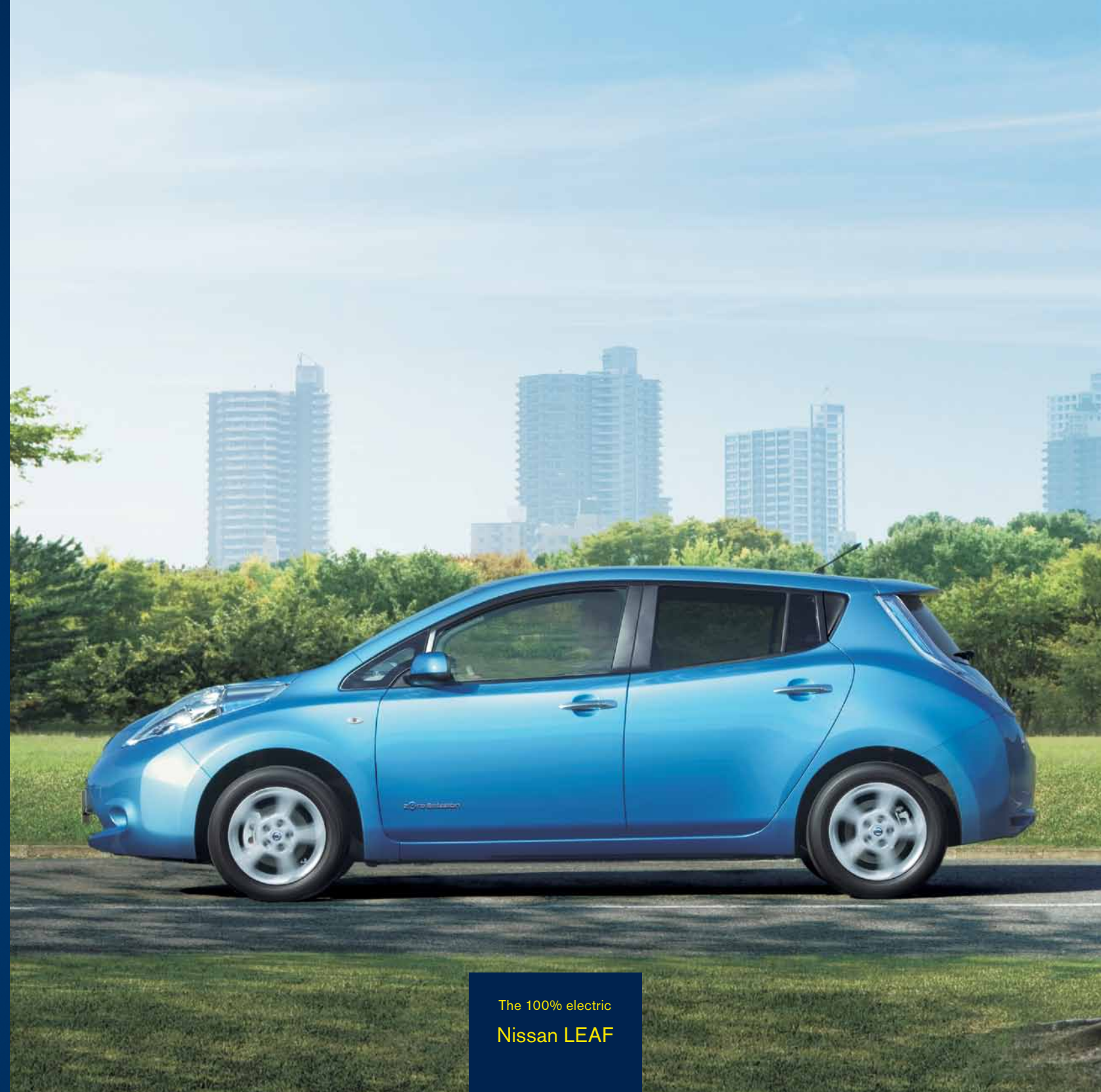
Think Zero.

Driving towards a zero emissions future.

Fun to own. Fun to drive. Fun to hang out in. That's what a car is all about. No matter how the world changes, there's one thing that will never change: the passion we feel for our cars. At Nissan, we share that passion.

To achieve a sustainable mobility society, we're working to develop "green" technologies, including cleaner diesels, efficient internal-combustion engines, and hybrids. Now that passion has brought forth a true breakthrough. Nissan LEAF. A car powered by 100% electricity. A car that uses no petrol and produces zero CO₂ tailpipe emissions. A car that will change the way you think about driving. With the support of many global partners, including local governments, and power companies, Nissan, in association with alliance partner Renault, is leading the way toward the creation of the zero emission society we all aspire to. Nissan LEAF. The key to the future of driving.

Zero Emission means zero tailpipe emissions.



The 100% electric
Nissan LEAF



**New driving sensation.
Futuristic technology.**

Shown with optional carpet mats.



**Stylish interior.
Innovative design.**

Twin Digital Meter

A two-tiered meter layout shows you everything you need to know to drive efficiently, as well as battery charging status and regeneration status.



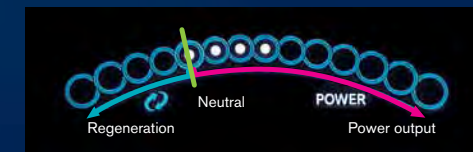
Eco indicator and ECO TREES to assist eco driving

A: Eco indicator lets you know how efficient your driving is, giving you guidance on acceleration and braking.
B: ECO TREE is a display that demonstrates in an illustrative way the positive results of more efficient driving.



Power meter with clear, easy-to-understand indications

The inner dots indicate the motor drive/regeneration status while the outer double circles indicate the viable power output range/regeneration range.



Multi-information display shows detailed vehicle status



Charging time Energy economy Timer setting status (charging and climate control)



**Quiet comfort.
Space to relax.**

Shown with optional carpet mats.

Equipment



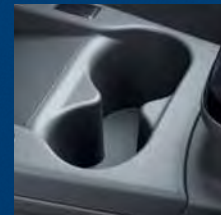
Electric shift (with Eco mode)

A mouse-like shift operable with a flick of your wrist. Motorised parking brake also provided.



Centre console box with armrest

Stores small articles. When closed provides a place to rest your arm.



Cup holders

Conveniently located in both the front and the rear.



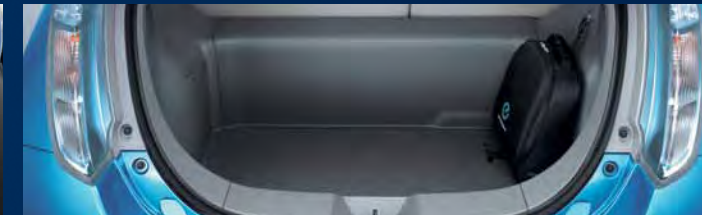
Cruise control

Automatically maintains the speed set by the driver.



Roof spoiler (with solar cells)

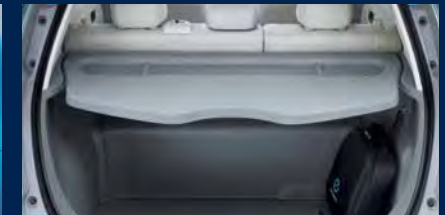
Helps run vehicle accessories and charge the 12V battery.



Luggage room

Two 9-inch golf bags* can be comfortably accommodated without having to fold down the 60/40 split rear seat.

* Depending on the configuration and dimensions of the bags.



Tonneau board

Keeps your personal items covered.

New Electric Vehicle (EV) Platform

Built on a newly developed platform with the battery centrally mounted below the floor, Nissan LEAF boasts impressive manoeuvring stability. At the same time, body rigidity has been enhanced to minimise vibrations and ensure a smooth, quiet ride. Compact laminated battery modules make possible a roomy, flexible layout with enough space for five adults.

Electric motor & inverter

A compact, lightweight motor and inverter with minimum energy loss are mounted in the front.

Low-mount lithium-ion battery

The lithium-ion battery is mounted below the vehicle frame at its centre of gravity, optimising the balance between the front and rear sides and the centroid position.

No tailpipe

Nissan LEAF has no tailpipe. It produces absolutely no exhaust gases. Neither CO₂ nor NOX is emitted.



Optimum vehicle packaging

Plenty of room for five adults: Thanks to its EV-dedicated platform and lithium-ion battery, Nissan LEAF boasts uncommonly practical packaging for an electric vehicle. Extremely space-efficient laminated battery cells are modularised and mounted under the floor of the platform. The result is exceptional roominess with plenty of luggage space.

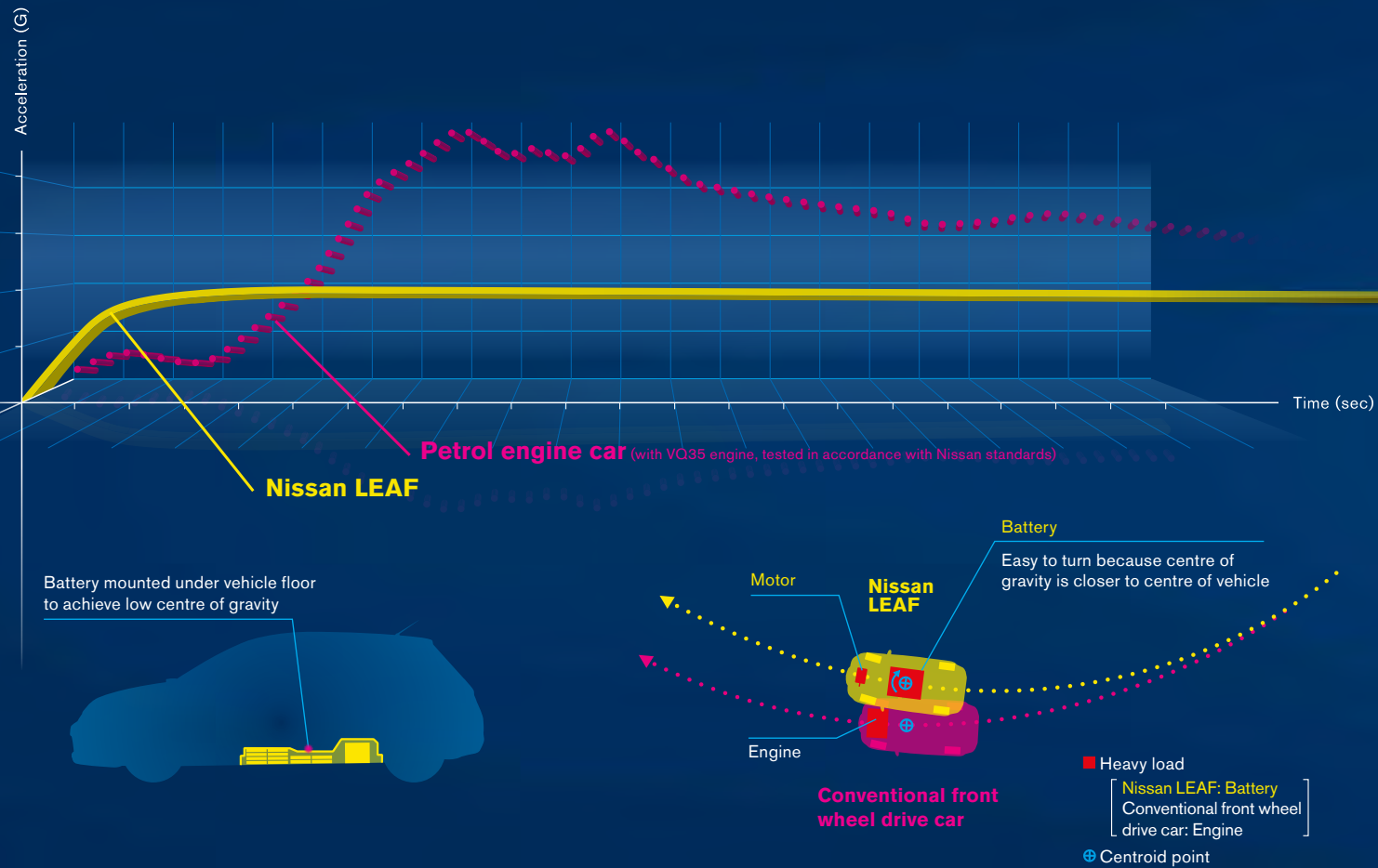
Sleek aerodynamic design

Contributes to enhanced quietness and power efficiency: The headlight lens covers are designed to redirect airflow to reduce wind noise. The flat bottom surface of the large flat floor cover in the mid section of the car maximises the aerodynamic performance.



Performance

100% electric. 100% fun. Nissan LEAF's motor and lithium-ion battery let you experience a new dimension of driving performance. You'll be surprised by its rapid acceleration, impressed by its confident handling, and pleased by its quietness.



Driving performance

Smooth acceleration: Nissan LEAF's motor cranks up all the way to maximum torque as soon as you turn it on. With none of the vibration you get from an ordinary engine, the electric motor accelerates so smoothly you'll barely feel it.

Confident handling: The lithium-ion battery is mounted under the floor of the EV-dedicated platform. This provides excellent weight balance and a low centre of gravity. Accurate driving force control helps improve manoeuvring stability.

Amazing quietness: Whether you are stopping, accelerating, or cruising, Nissan LEAF is astonishingly quiet. Besides being free from engine noise, it incorporates precision motor control technology and low-noise technologies throughout the body to keep the cabin comfortably quiet.

Lithium-ion battery

Core technology: To ensure reliability, the Nissan LEAF's large-capacity lithium-ion battery uses manganese positive electrode material, a plentiful resource that has a stable crystal structure. The battery cells are laminated to simplify the structure and optimise cooling capability. The battery cells are also modularised, making possible a roomier cabin and affording excellent manoeuvring stability.

An inverter is mounted directly under the bonnet and the electric motor is installed below the inverter.

Motor and inverter

Maximally efficient motor with minimum energy loss: Nissan's original three-phase AC synchronous motor features optimised magnetic circuits and high-density winding to achieve excellent energy efficiency and minimise energy loss. Efficiency is further improved by a regeneration system that recovers kinetic energy (rotation of the wheels) at low speed as electric energy.

Highly responsive inverter: Also originally developed to reduce energy loss, the inverter converts the DC power from the battery to AC electricity, controlling the motor's output, while responding immediately to manipulation of the accelerator pedal.

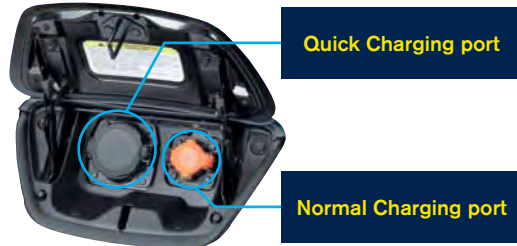


Battery Charging



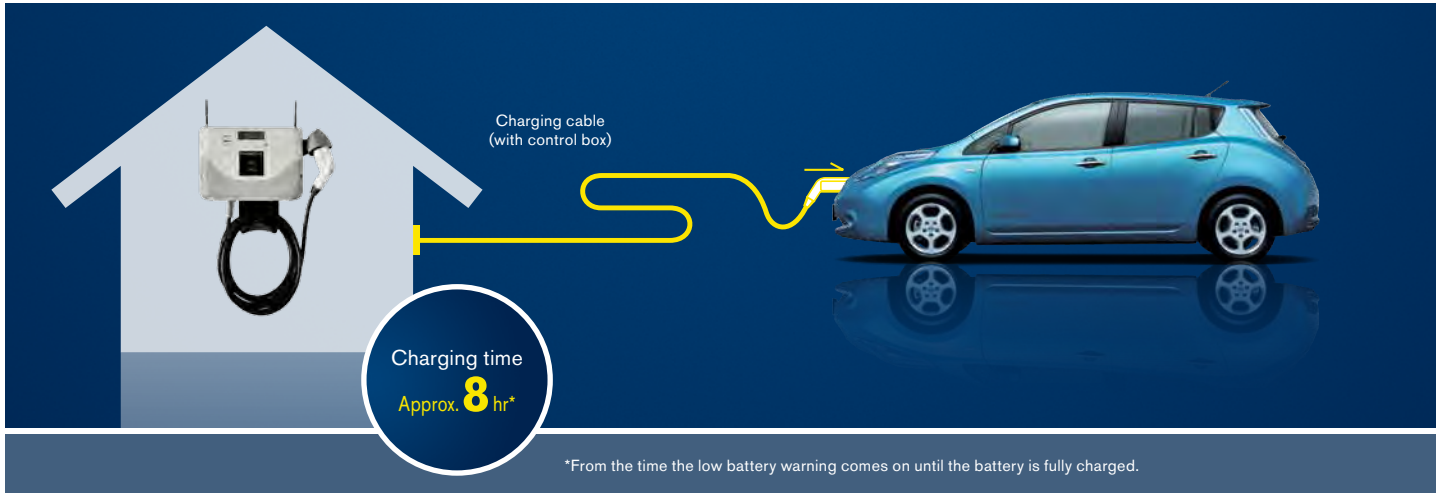
No more visits to the petrol station. When your Nissan LEAF is charged in Normal Charging mode overnight, it will be fully charged in the morning so you can start driving right away. There's also a Quick Charging mode.

Please be aware that in order to charge Nissan LEAF at home, you must install approved charging equipment using an approved electrical contractor. Please refer to Nissan.com.au/leaf for a home assessment.



Normal Charging

All you have to do is open Nissan LEAF's charging port cover, and insert the charging cable into the port. Choose from Immediate mode, which starts charging immediately, or Timer mode, which starts and stops charging at designated times.



Battery charging indicators

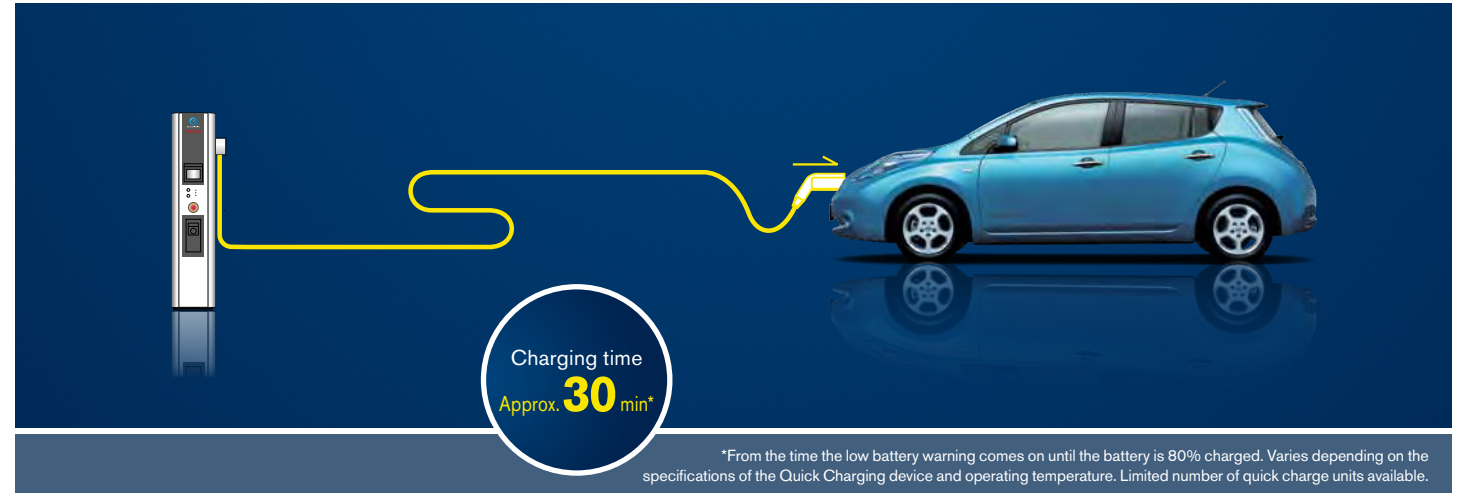
Battery charging indicators on the bonnet light up during charging. As charging proceeds, the number of lighting indicators increases.

Indicator light patterns during charging

0%	1/3 charged	2/3 charged	End of charging	Lights go out 15 min later
Blinks	Lights Blinks	Lights Blinks	Lights	Goes out

Quick Charging

Open the charging port cover, plug in the Quick Charging connector, and press the start charging button. You can charge the battery up to 80% in about 30 minutes.



Driving Distance

Fully Charged Driving Range

170 km*

*Based on New European Driving Cycle (NEDC) mode

Driving range is very much dependent on a number of factors, including ambient temperature, driving behaviour, traffic and road conditions, and use of air conditioning or heater.

Three tips to increase your driving distance.

1: Start slowly, brake gently.

In Eco mode, acceleration is gentler, and regeneration energy at braking increases. Driving distance on city streets could potentially be increased by about 10%.



2: Don't speed.

More speed means more drag. Theoretically, air resistance is proportional to the square of speed, so the faster the speed, the more energy is used.

3: Set the air conditioning to a moderate temperature.

Driving distance is significantly affected by the power consumed by the air conditioning. Sensible adjustment of the temperature can help you increase your driving distance.

EV-IT Driving Support



EV-IT Menu

Press the Zero Emission button to display the "Zero Emission" Menu, which presents various choices of several useful functions:

- Expected reachable area map
- Nearby Stations
- Energy Information



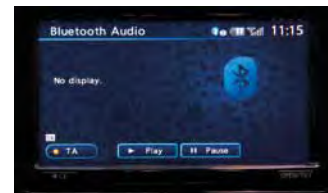
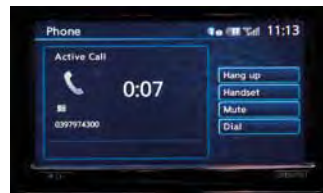
Satellite Navigation

The comprehensive Satellite Navigation system helps you to calculate your route and can even guide you to your nearest public charge point.



Bluetooth®

The Bluetooth® handsfree phone system in the Nissan LEAF allows your mobile phone to be connected to not only speak hands-free, but also stream your favourite music. You can also connect your iPod® or USB storage device to the USB connection to hear all your favourite songs.



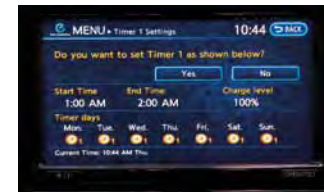
Reverse Camera with Predictive Path Technology

The rear camera with Predictive Path Technology makes parking easy and safe by helping to ensure you avoid obstacles when reversing. The rear camera is a parking aid only and is not a substitute for proper reversing procedures. Always check behind you before reversing.



Timer for Charger and Climate Control

The driver can set the Nissan LEAF to commence charging at any time the driver wants. In addition, the air conditioning can be turned on before the driver enters the Nissan LEAF so that the driver can start driving with the cabin set to a comfortable pre-determined temperature.



Energy Information

A multi information display which imparts charging and electricity efficiency information, battery capacity remaining, driving range and various warnings.



Driving Range

The driver can check how far the Nissan LEAF will be able to travel from the current location. This function is accessible from the steering wheel panel. It is also possible to check the reachable area from your travel destination.



CARWINGS™+ Telematics

CARWINGS™ is the dedicated EV Navigation System. Nissan will provide you with the subscription to CARWINGS™ for the first three years. With CARWINGS™, the driver can easily search for charging spots nearby, and set the destinations quickly. The charging spot information will be automatically updated via the CARWINGS™ data centre.



Charging Spot Information

The driver can identify nearby charging stations (both normal charge and quick charge locations are displayed).



iPhone® & Android® Remote Control App

Nissan LEAF owners with an active CARWINGS™+ subscription can use the App on both the iPhone® as well as Android® platforms. The App lets you check status of battery charge, check when battery charge is complete, and see estimated driving range. You can also turn the vehicle's climate control system on or off using the App.



¹iPod and iPhone are a registered trademarks of Apple Inc. ²Android is a trademark of Google Inc. ³For compatible Bluetooth devices. ⁴Your Nissan LEAF is equipped with an advanced navigation system, which includes a communication module, CARWINGS™. The CARWINGS™ features are included through a subscription service which requires owner consent to activate. Nissan will provide you with the subscription to CARWINGS™ for the first three years. The subscription must be active to use the features described below. Your Nissan LEAF incorporates a communication device that is called a TCU (Telematics Communication Unit). The communication connection between this unit and the Nissan CARWINGS™ Data Centre allows for various remote function services such as lithium-ion battery status check, remote charge, unplugged status, charging station location through the Satellite Navigation features of the system, remote climate control etc. By activating CARWINGS™, you agree to the collection, use and disclosure of personal information (including in relation to your vehicle's location, speed and navigation), by Nissan Motor Company, Ltd. in Japan ('Nissan Japan') and Nissan Motor Co. Australia Pty. Ltd. ('Nissan Australia'). If you choose to activate CARWINGS™ you will be able to deactivate CARWINGS™ at any time by deregistering via the website. In addition, you will be able to deactivate the CARWINGS™ temporarily by not pressing the [I agree] button on the start up screen in the vehicle when turning the vehicle on. If you do not press [I agree] CARWINGS™ will not be activated, nor will the navigation. Some information entered into the CARWINGS™ system is stored locally on the device and is not transmitted to Nissan Japan or Nissan Australia, including addresses visited or entered into the system for navigational purposes.



SAFETY SHIELD - Nissan's concept of "the vehicle that helps protect people"

In the area of safety technology, Nissan pursues innovation as part of its "Safety Shield" concept, an advanced, proactive approach to safety issues based on the idea that cars should help protect people. This approach provides various measures to help the driver and passengers better avoid dangers in ways that are optimised to each of a wide range of circumstances that the vehicle may be in, from prior to a risk appearing through to post any accident should it occur.

Helps the driver to maintain comfortable driving

Even when a risk has not appeared, Nissan technologies make it easier for the driver to maintain safe driving conditions. Some of these innovations reduce the driver's burden, while others enhance visibility and awareness of the immediate surroundings at night and when parking, for example.

- **Auto light system:** A sensor detects lowering light levels at dusk and switches on the lights.
- **LED headlights:** Intense long-range illumination and optimum visibility with an automatic leveliser.
- **Rearview monitor:** Colour monitor with vehicle width/distance display function.
- **High luminance LED rear combination lights** ▪ **Rear windshield wiper** ▪ **LED high-mounted stop light**

Helps the driver to recover from dangerous conditions to safe driving

When a risk appears, warnings and automatic countermeasures help the driver avoid it.

- **Vehicle Dynamic Control (VDC):** Automatically controls brake and engine output to enhance stability when sensors detect that the vehicle may slip sideways due to steering, braking, or accelerator pedal operation.
- **Electronic Brakeforce Distribution (EBD):** Contributes to safe driving by enhancing braking control to optimise braking performance with loads of various weights.
- **Braking Assist (BA)** ▪ **Anti-lock Braking System (ABS)**

Helps minimise the damage when a collision is unavoidable

In cases when a crash cannot be avoided, additional Nissan technology helps reduce injuries and damage by activating the brakes, restraining passengers, and applying other measures.

- **Zone Body construction with pedestrian-injury reduction:** Enhances cabin safety and mitigates impact to the heads and chests of pedestrians.
- **Dual front, side, and curtain SRS airbags:** Will help protect the occupants in the case of an impact.

Designed to ensure safety for electric cars

The "Safety Shield" concept applies to electric cars as much as to conventional cars. To provide continuous protection against dangerous situations, Nissan LEAF is equipped with a variety of functions optimised to keep you and your passengers safe.

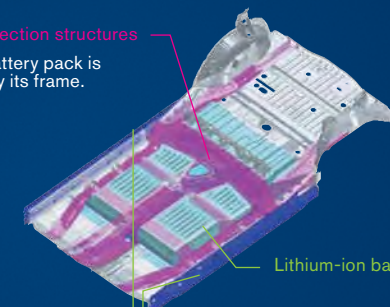
Vehicle structure that protects the passengers as well as the battery and motor

Nissan LEAF's body is designed to protect the lithium-ion battery, while high-voltage parts such as the battery and motor incorporate insulation for added protection. The high-voltage system is designed to shut down in the unlikely event of a collision. The lithium-ion battery controller also monitors the battery to prevent overheating due to excess voltage, excess discharge, or external heat.

Nissan LEAF's vehicle structure and insulation system

Battery protection structures

The car's battery pack is protected by its frame.



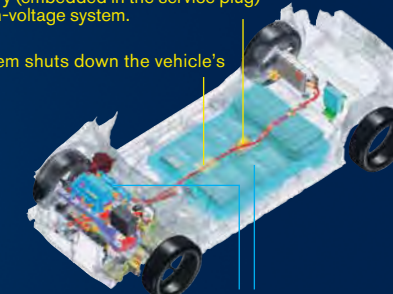
Lithium-ion battery pack

Body that absorbs the collision energy

The body absorbs the energy of a collision to minimise deformation.

A fuse contained in the battery (embedded in the service plug) shuts down the vehicle's high-voltage system.

The collision detection system shuts down the vehicle's high-voltage system.



High-voltage components are protected by careful positioning and the vehicle structure.

Tested for a variety of environmental situations

Nissan LEAF is driven throughout the world, so we put it through rigorous driving tests that subject it to a wide range of operating environments. For example, it's been started up and road-tested in cold regions in sub-zero temperatures and has also been test-driven on flooded roads. Tests have confirmed that the battery under the floor is not impacted by bumps and that the car can easily withstand a high-pressure car wash. Images on the right shown for illustrative purposes and driving practices are not recommended.



Testing in cold regions



Testing on flooded roads

Approaching Vehicle Sound for Pedestrians

Because electric vehicles are so quiet, pedestrians tend to be less aware of them. To increase awareness, Nissan LEAF is equipped with Approaching Vehicle Sound for Pedestrians. At start-up, a sound is generated to warn pedestrians that the car is approaching their vicinity. At speeds above 30km/h, the system turns off. When reversing, an intermittent sound is generated.



Seeking a symbiosis of people, vehicles and nature

Nissan's environmental philosophy can be described as, "a symbiosis of people, vehicles and nature." It is our ideal for a sustainable mobility society now and our goal for the future. We established the Nissan Green Program with specific objectives to realise the goal, and we are diligently making concerted efforts to reduce environmental impact at every stage of the vehicle life cycle and our corporate activities.

Near-zero environmental impact

- **Zero CO₂ emissions:** Nissan LEAF is an electric car, so the engine never produces CO₂ while running.
- **Zero exhaust gas:** No tailpipe.
- **Use of recycled materials:** The manufacturing process for the materials has been designed to minimise environmental impact. Recycled materials and easily recycled plastics play a significant role in the development and manufacture of Nissan LEAF.



- Plastics Recycled from End of Life Vehicle Parts
- Plastics Recycled from End of Life Home Appliances
- Plastics Recycled from Paint Removed Bumper
- Plastics Recycled from Painted Bumper
- Other Recycled Plastics
- Recycled PET Fabric
- Other Recycled Fabric
- Vibration Damper with Wood Powder
- PLA + Recycled PET Fabric

Blue Ocean/RAT*



Cayenne Red/NAH*



Brilliant Silver/K23*



Glacier White/OX1



Eclipse Black/KH3



*Indicates a metallic paint, which is available at extra cost.

Nissan Motor Co., Ltd. reserves the right to make any changes without notice concerning colours, equipment or specifications detailed in this brochure, or to discontinue individual models. The colours of vehicles delivered may differ slightly from those in this brochure. The specifications vary for different countries depending on local market conditions. Please consult your local dealer to ensure that the vehicle delivered accords with your expectations.

Specifications

Drive Battery	
Type	Laminated lithium-ion batteries
Total Voltage (V)	360
Total Power (kWh)	24

Motor	
Code	EM61
Max power (kW (PS)/rpm)	80 (109) / 2730 - 9800
Max torque Nm@rpm (Nm (kg-m)/rpm)	280 (28.6) / 0 - 2730

Transmission device	
Final reduction ratio	•
Drive - Front wheel drive	•

Dimensions / Weights	
Wheelbase (mm)	2690
Overall length (mm)	4445
Overall width (mm)	1770
Overall height (mm)	1545
Track Front/Rear (mm)	1535
Ground Clearance (mm)	160
Turning circle - kerb to kerb (m)	10.4
Tare weight unladen	1535

Mechanical	
Steering system - power assisted, rack and pinion	•
Suspension - front - independent McPherson struts	•
Suspension - rear - Torsion beam	•
Brakes - front	Ventilated Disc
Brakes - rear	Ventilated Disc
Regenerative brake	Electromotive control brake

Wheels / Tyres	
Road wheels	16x6.5J Aluminium Alloy
Spare wheel	Steel
Tyre size	205/55R16

Interior Features	
Full auto air conditioning	•
Central locking with remote keyless entry intelligent key	•
Power windows	•
Speakers	6

AM/FM radio, single CD player, AUX, USB input jack, MP3 w/ iPod™ connection	•
Cloth seat trim	•
Urethane steering wheel	•
Driver's seat height adjustment	•
Adjustable front headrests	•
Rear headrests	•
60/40 split fold rear seat	•
Tilt adjustable steering column	•
Front door map pockets, front and rear door cup holders	•
Centre console with cup holders and storage	•
Overhead sunglasses holder	•
Front centre armrest	•
Rear centre armrest	•
Driver's footrest	•
Cable type charging port lid release	•
Day/night rear view mirror	•
Passenger-side visor vanity mirror	•
Interior lamp with logical lighting	•
Front map lights	•
Illuminated boot area	•
Rear window demister	•
Tonneau cover	•
Co-ordinated interior illumination	•
Cruise control	•
Steering wheel audio controls	•
Bluetooth® hands free phone system	•
Satellite Navigation	•

Instrumentation	
Momentary/averaged energy consumption & autonomy range & outside temp & Charging time information & Timer charging information	•
Comprehensive dash warning lights	•
Headlight warning chime with auto off	•
Digital clock	•
Door ajar warning	•

Safety	
Nissan Anti-Theft System vehicle immobiliser (NATS)	•
Driver SRS airbag	•
Front passenger SRS airbag	•
Curtain SRS airbag	•
Front seat belt pre-tensioners with load limiters	•

Anti-lock Braking System (ABS) with Electronic Brake Distribution (EBD) and Brake Assist (BA) and Vehicle Dynamics Control (VDC)	•
Highly rigid monocoque body	•
Front and rear crumple zones	•
Impact absorbing bumpers	•
Energy absorbing steering column	•
Door intrusion beams	•
Height adjustable 3 point E.L.R. front seat belts	•
Seatbelt warning light	•
Child safety seat anchorages	•
Child rear door safety locks	•
High mount rear stop light	•
Hazard warning lights	•
Laminated front windscreen	•
Adjustable front headrests	•

Exterior Features	
Alloy wheels	•
Front fog lights	•
Rear roof spoiler w/solar panel	•
Body coloured front & rear bumpers	•
Body coloured power door mirrors	•
Front intermittent windscreen wipers	•
Rear intermittent windscreen wiper	•
Automatic headlights	•

Colours	
Blue Ocean (3PM)/RAT*	•
Cayenne Red (PM)/NAH*	•
Brilliant Silver (M)/K23†	•
Glacier White (3P)/QX1	•
Eclipse Black/KH3	•

Warranty	
3 year/100,000kms vehicle and powertrain warranty	•
3 year 24-Hour Roadside Assistance Program	•
MyNissan Capped Price Service	•

*Indicates a metallic paint which is available at extra cost.
 †iPod is a registered trademark of Apple Inc.

• Standard



Cloth seat trim



FINANCIAL SERVICES


For more information please visit nissan.com.au/owners, ask your Nissan Dealer or phone 1800 035 035 during normal business hours.

Follow us: @Nissan_Aus Like us: Nissan LEAF Australia Check out: Nissan LEAF Australia Channel



All illustrations, information and specifications presented and referred to in this brochure were correct at the time this brochure was approved for printing. The colours in the photographs may vary from actual colours. However, Nissan Motor Co (Australia) Pty. Ltd. reserves the right, subject to the laws of Australia and/or the regulations of any competent authority which may apply from time to time, at its discretion at any time and without prior notice, to discontinue or change the models, features, specifications, designs and prices of the products referred to in this brochure and any optional equipment therefore without incurring any liability whatsoever to any purchaser or prospective purchaser of any such products. Some of the items referred to herein are optional at extra cost. Some options may be required in combination with other options. Always consult your Nissan Dealer for the latest information on models, specifications, features, prices, options and availability. Nissan Motor Co (Australia) Pty. Ltd. ACN 004 663 156. Updated September 2012. LEA0062.

5 STAR ANCAP RATING

The Nissan LEAF received the highest ANCAP occupant safety rating thanks to a highly sophisticated combination of safety features and systems.  Rated ★★★★★

MYNISSAN

A complete ownership experience to help you get the most out of your Nissan. It includes the following:

3 YEAR/100,000KM WARRANTY

Receive assurance with a 3 year/100,000km warranty.

24-HOUR ROADSIDE ASSISTANCE FOR 3 YEARS

No matter where you're planning to journey, you'll have the peace of mind of knowing that if you lock your keys in the car, have a flat tyre or battery, we'll help get you back on the road at no charge[^].

CAPPED PRICE SERVICE

For 6 years or 120,000kms* you'll always know the maximum price you'll pay when you come in for your next Scheduled Service at any Nissan Dealer.

FACTORY-TRAINED TECHNICIANS

Using dedicated diagnostic equipment and genuine parts they'll keep your vehicle in top condition.

MYNISSAN IPHONE APP

Request roadside assistance and advise of your location using your phone's GPS, plan trips, search for locations, plus set registration, service and parking expiry reminders.

NISSAN GENUINE ACCESSORIES

Your Nissan Dealer can show you a variety of accessories to protect, enhance and personalise your Nissan LEAF.

FINANCIAL SERVICES

Choose from a range of finance options at very competitive rates and terms, as well as various insurance solutions to protect you and your vehicle.

my nissan

our comprehensive ownership experience

[^]Terms and conditions apply, please visit nissan.com.au/roadsideassistance

*Ask your Nissan Dealer to explain exactly what items are covered in each Scheduled Service. Applies to the first 12 X 10,000kms scheduled service intervals for up to 6 years/120,000kms (whichever occurs first). Some exclusions apply. Ask your Nissan Dealer or visit nissan.com.au/epsstcs for full terms and conditions. Some exclusions and conditions apply.



SHIFT_

nissan.com.au



Certified by the Carbon Reduction Institute

