



Innovation
that excites

NISSAN
LEAF

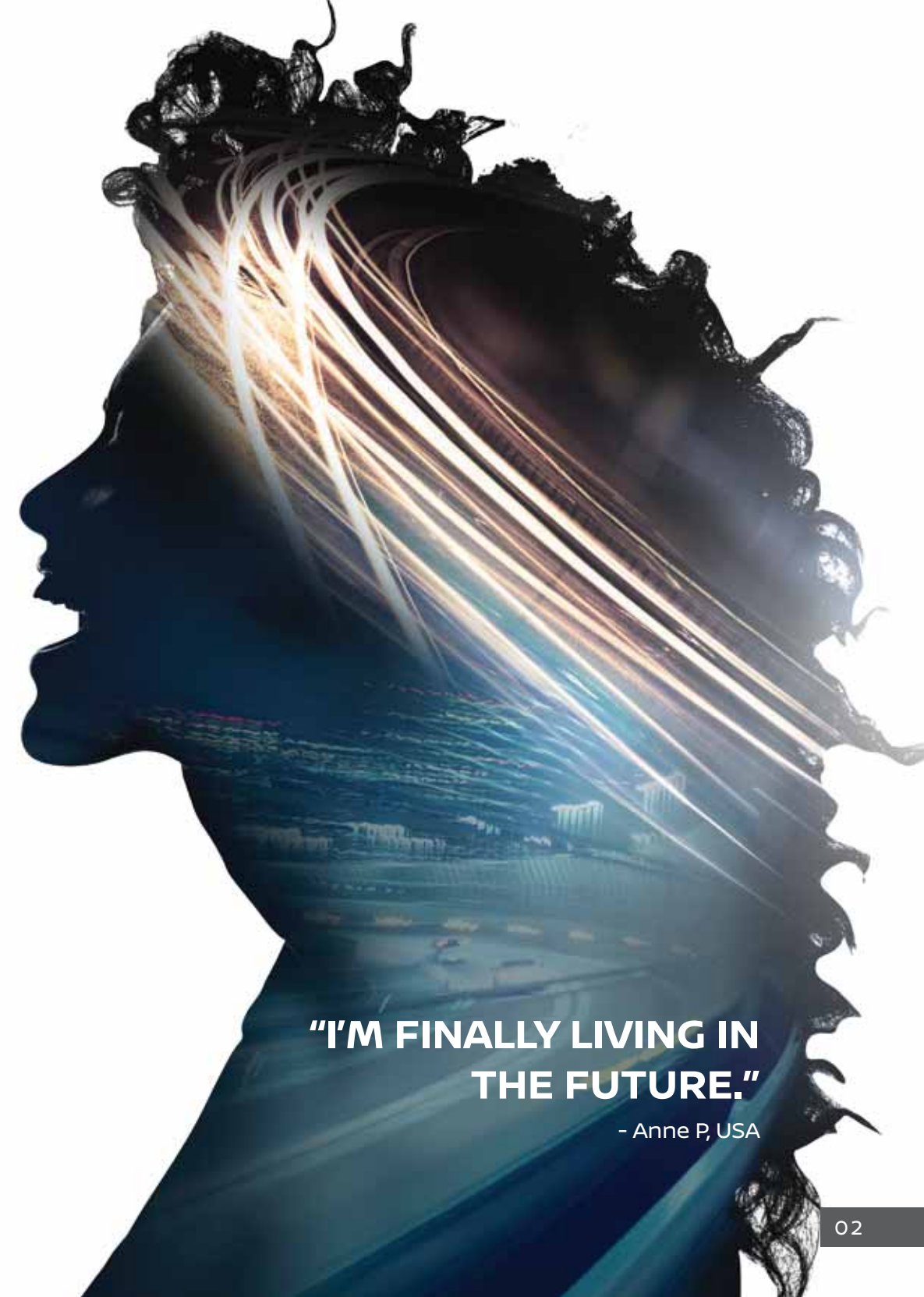
Zero Emission



THE WORLD'S FIRST MASS-MARKET 100% ELECTRIC CAR

DARE TO DRIVE

TOMORROW TODAY



**"I'M FINALLY LIVING IN
THE FUTURE."**

- Anne P, USA



THE FUTURE IS **ELECTRIFYING**

A car powered by 100% electricity. A car that uses no fuel and produces zero CO2 tailpipe emissions. In fact, zero emissions of any kind whatsoever. A car that will change the way you think about driving. That's Nissan LEAF - a vehicle that has become loved across the world to the extent that it is the best-selling electric car globally, with almost 200 000 owners and over 1 billion emission-free kilometres driven.

Nissan LEAF is not just a car. It's the zero emission future. Isn't it time you climbed on board?



**"I LIKE BEING
AMONG THE
PIONEERS."**

- Malcom S, USA

THE FUTURE ON DISPLAY

INTUITIVE DIGITAL DISPLAY

The future is clear – and in the Nissan LEAF, it's also easy to see. A two-tiered display layout shows you everything you need to know. All the information you'd expect – speed, temperature and distance – is right where it should be and easily visible.

Then there's the information you'll only find on a Nissan LEAF, such as battery charging and regeneration status, including a power meter with clear, easy-to-understand indications.

Plus an Eco indicator and ECO TREES to assist eco driving by letting you know how efficient your driving is, giving you guidance on acceleration and braking, and illustrating the positive results of more efficient driving.

ELECTRIC VEHICLE INFORMATION SYSTEM

The centre cluster display helps you manage trips and optimise performance, while an on-board timer can be programmed to start the charging event or the aircon/heater.



**"IT'S WHAT DRIVING
IN THE 21ST CENTURY
SHOULD FEEL LIKE."**

- Nate B, USA



QUIET COMFORT

SPACE TO RELAX

Power up your Nissan LEAF with the push-button start, and you're greeted with the sound of progress. Take a look around, you'll find high-tech features you'd expect from a vehicle this innovative; like the Nissan Navigation System, Rearview Monitor, Bluetooth connectivity, heated front and rear seats and a boot big enough to fit up to five pieces of luggage or two golf bags. All this while still fitting your friends in the back. All you need to do is settle in and get ready to drive tomorrow, today!



"I CAN LISTEN TO THE BIRDS, OR TALK TO MY NEIGHBOUR IN TRAFFIC."

- Deborah L, USA



FILL UP AT HOME

No more visits to the fuel 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. Or, if you're in a rush, there's also Quick Charging mode.



NORMAL CHARGING

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, such as off-peak while you sleep, and takes as little as 8 hours.



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.

195km*

CLASS-LEADING RANGE

Tips to increase your driving distance.

1. Start slowly, brake gently. In Eco mode, acceleration is gentler and regeneration energy at braking increases, boosting the range by up to 10%.

2. Don't speed. More speed means more drag which uses more energy.

3. Set air conditioning to a moderate temperature. Less extreme settings reduce the power consumed by climate control and helps increase driving distance.

*Based on New European Driving Cycle (NEDC) mode



"IT'S FUN TO LAUGH AS
I PASS GAS STATIONS."

- Darcie G, USA

INTELLIGENT DESIGN

Nissan LEAF's styling, may give the impression of an ordinary 4-door passenger car. If you look closer, however, you will find various unique features.

The lithium-ion battery is centrally mounted below the floor, combining astonishing power and instant torque with extremely clever use of materials, aerodynamic design, energy saving and regeneration.

Superb manoeuvring stability and enhanced rigidity ensures a smooth, quiet ride, Nissan LEAF's uncommonly practical packaging results in exceptional roominess and space for five adults and luggage space.

The electric motor hits maximum torque as soon as you push the pedal, with virtually no vibration. Whether you're stopping, accelerating or cruising, the Nissan LEAF is astonishingly quiet. That's worth making a noise about.

ELECTRIC MOTOR

Nissan's original three-phase AC synchronous motor is designed to achieve excellent energy efficiency with minimal energy loss. Efficiency is further improved by a regeneration system that effectively puts energy back into the battery during low speeds and under braking.



INVERTER

Converts the DC power from the battery to AC electricity, controlling the motor's output, while responding immediately when accelerating. Instant torque. Unlimited Fun.



LITHIUM-ION BATTERY

Nissan LEAF is equipped with a 24kWh lithium-ion battery that stores its energy to power the 80kW AC motor in 48 lithium-ion modules. When fully charged it powers 254Nm of torque right off the line.



SLEEK AERODYNAMIC DESIGN

Enhanced quietness and power efficiency: Headlight lens covers are designed to redirect airflow to reduce wind noise. The large, flat bottomed surface in the mid section of the car maximises the aerodynamic performance.



REAR SPOILER WITH SOLAR CELLS

Charges the 12V accessory battery.



NO TAILPIPE

Nissan LEAF has no tailpipe and therefore produces neither CO2 nor NOX - nor any other - emissions.



"OTHER CARS FEEL LIKE INFERIOR TECHNOLOGY."

- Marina C.S, USA

THE FUTURE'S SAFE

Nissan "Safety Shield" is a comprehensive approach to safety that guides the engineering of every vehicle made and based on the idea that cars should help protect people.

MONITOR - MAINTAIN COMFORTABLE DRIVING

Even when a risk has not appeared, Nissan technologies make it easier for the driver to maintain safe driving conditions.

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

Approaching Vehicle Sound for Pedestrians (VSP): 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.

RESPOND - RECOVER FROM DANGEROUS CONDITIONS

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 Brake-force Distribution (EBD): Contributes to safe driving by enhancing braking control to optimise braking performance with loads of various weights.

Brake Assist (BA)

PROTECT - MINIMISE DAMAGE WHEN A COLLISION IS UNAVOIDABLE

In cases when an accident cannot be avoided, additional Nissan technology helps reduce injuries and damage.

Zone Body construction with pedestrian-injury reduction: Enhances cabin safety and mitigates impact to the head and chest of pedestrians.

Dual front, side, and curtain SRS airbags: Will help protect the occupants in the case of an impact.



ROADSIDE ASSISTANCE

As a Nissan LEAF owner you will be covered by Nissan 24-hour Roadside assistance. Cover includes non-start assistance, out of battery life towing assistance, flat tyre assistance & accident assistance. Simply call 0800 532 300.

In the commitment to "Real World Safety", Nissan pursues innovation as part of its Safety Shield concept. Based on the idea that cars should help protect people, advanced, proactive safety technologies help driver and passengers to avoid danger and injury in a wide range of circumstances.



"I'M ZIPPING THROUGH LIFE, WHILE EVERYONE ELSE IS WAITING."

- Christian R, USA



BE PART OF A COLOURFUL **FUTURE**



White/QM1



Dark Metallic Gray (M)/KAD



Radiant Red (PM)/NAH



Aqua Blue (3PM)/RBJ



Super Black/KH3*



Brilliant Silver (M)/K23



Brilliant White Pearl (3P)/QAB



Black Leather trim

NEAR-ZERO ENVIRONMENTAL IMPACT

- **Zero CO2 emissions:** Nissan LEAF is an electric car, so the engine never produces CO2 while running.
- **Zero exhaust emissions:** 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.

Inline with Nissan's commitment to the environment, this brochure is printed on Cocoon Silk, manufactured from 100% post-consumer fibres from sustainable and responsibly managed forests and is PCF (Process Chlorine Free). No substances classified as carcinogenic, mutagenic or reprotoxic (CMR) are used as raw materials. The process uses less water and energy and therefore has a lower carbon footprint than regular papers. Be kind to the environment, please recycle this brochure once you are done with it.



Nissan's commitment to the environment
Nissan's environmental philosophy embraces people, vehicles and nature. In the pursuit of a sustainable mobile society, the Nissan Green Program aims to reduce the environmental impact of Nissan vehicles at every stage of the vehicle life cycle.

**"I'M HELPING TO
SUPPORT THE WAVE
OF THE FUTURE."**

- Michele W. L, USA

MODEL		NISSAN LEAF	
Seating capacity			5
ENGINE			
Motor			QU-Kai 80kW/254Nm Common motor
Type			Electric motor
Electric motor type			AC synchronous
BATTERY			
Battery capacity	kWh		24
Type			Laminated lithium-ion
Voltage	V		360
Capacity	kWh		24
Number of cells			192
CHARGER			
On-board charger	kW		3.6
Charging cable			Optional
PERFORMANCE			
Max. power	kW/rpm		80/3008-10000
Max. torque	Nm/rpm		254/0-3008
Max RPM			10500
Electricity consumption	Wh/km		150
Autonomy	km		195
Max. speed	km/h		144
Acceleration 0-100 km/h	sec		11.5
TRANSMISSION			
Type			Single Speed Gear Reduction
CHASSIS			
Suspension: front			Independent Mac Pherson strut, coil springs
Suspension: rear			Torsion beam axle, coil springs
Steering			Power assisted electric power steering system & rack and pinion
Drive type			Front wheel drive
WEIGHT & DIMENSION			
Overall length	mm		4445
Overall width	mm		1770
Overall height	mm		1550
Wheel base	mm		2700
Front overhang	mm		960
Rear overhang	mm		785
Ground clearance	mm		160
Front track	mm		1540
Rear track	mm		1535
Minimum turning radius (kerb to kerb)	m		5.2
Minimum turning radius (wall to wall)	m		5.5
Interior dimension-length	mm		2080
Interior dimension-width	mm		1460
Interior dimension-height	mm		1185
VDA (until tonneau board)	litres		370
Luggage capacity (until roof)	litres		450
Luggage capacity (with rear seat folding)	litres		720
Drag coefficient	Cd		0.29
Curb weight (GVM)	Kg		1475
Tare weight	Kg		1493
Gross vehicle mass	Kg		1890
Gross front axle mass	Kg		985
Gross rear axle mass	Kg		905

MODEL		NISSAN LEAF	
AUDIO, COMMUNICATION & INFORMATION			
Audio			CD in-dash frontloader with AM/FM radio, MP3/CD compatibility
No. of speakers			4
iPod/Aux/USB connectivity			Standard
7" WVGA colour & touch screen			Standard
Steering wheel controls			Standard
Reverse and kerb cameras with predictive path technology			Standard
Bluetooth			Standard
Bluetooth audio streaming			Standard
Steering wheel controls			Audio, handsfree Bluetooth, cruise control & ECO drive mode switch
COMFORT & CONVENIENCE			
Cruise control			Standard
Intelligent keyless entry system			Standard
Keyless engine start			Standard
Electric windows			Standard
Seat trim			Leather
Heated seats (front & rear)			Standard
Manual: slide, reclining, lifter			Standard
60/40 Split fold rear seats			Standard
Front seat back pockets			Standard
Climate control with pollen filter			Standard
Rain sensor wipers			Standard
EXTERIOR			
LED headlights with auto levelling			Standard
Automatic headlights with follow me home			Standard
LED taillights			Standard
Body colour bumper			Standard
Mirrors colour			Body colour
Rear tailgate spoiler			Standard
SAFETY & SECURITY			
Vehicle Dynamic Control (VDC)			Standard
Hill Start Assist (HSA)			Standard
Anti-lock Braking System (ABS)			Standard
Electronic Brake-force Distribution (EBD)			Standard
Brake Assist (BA)			Standard
ISOFIX child seat anchorage			Standard
Vehicle Sound for Pedestrian (VSP) with off switch			Standard
Dual front, side and curtain airbags			Standard
Front seatbelts pretensioners			Standard
3 Point front & rear seatbelts			Standard
High mount stop lamp (LED)			Standard
Daytime running lights			Standard
Braking system			Front and rear ventilated discs
WHEELS & TYRES			
Wheel size			16" alloy
Tyre size			205/55 R16
Spare wheel			Temporary tyre
SERVICE & WARRANTY INFORMATION			
Service intervals			15 000km
Service plan			3 year / 90 000 km
Roadside assistance			3 year / 100 000km
Paint & mechanical warranty			3 year / 100 000km
Anti-corrosion warranty			3 year / unlimited km

Nissan's commitment to quality: To provide all customers with a consistently high level of quality, Nissan applies the standard worldwide, to ensure that all Nissan owners enjoy peace of mind for the lives of their vehicles. The approach is based on quality from the customer's perspective on three key elements: 1. The expectation of a smooth driving experience with complete peace of mind. 2. The intangible appeal of a vehicle, its power to captivate and excite, with features that capture attention and imagination. 3. The level of attentiveness and service during the sales process, and long after the sale is concluded.

DISCLAIMER
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visit our website at: www.nissan.co.za

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