

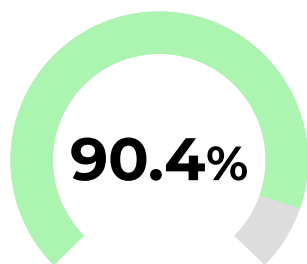
# Battery Health Check

[Verify online](#)Assessment ID  
05A5C7FETest date: **07/07/2026** [11:44]Tested by: **Drive Green**

## Vehicle information

Make	<b>NISSAN</b>	Registration	<b>YC20YKM</b>
Model	<b>LEAF N-CONNECTA</b>	First registered	<b>24/03/2020</b>
VIN	<b>SJNFAAZE1U0084354</b>	Mileage	<b>33,687</b>

## Battery health

Battery capacity **39.0 kWh | 40.0 kWh**  
Capacity when new (usable | nominal).State of health  
Percentage of original capacity currently available.Cell voltage difference **21 mV**  
Measures how evenly the battery's cells are balanced.

## Real range

This is the estimated real-world driving range this vehicle is expected to achieve under different conditions, based on its battery health. It is calculated using Generational's own model, derived from real-world driving data.

	Urban driving	Mixed driving	Motorway driving
Summer	<b>139 miles</b>	<b>125 miles</b>	<b>112 miles</b>
Winter	<b>112 miles</b>	<b>102 miles</b>	<b>93 miles</b>

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This is a point-in-time assessment for information purposes only.

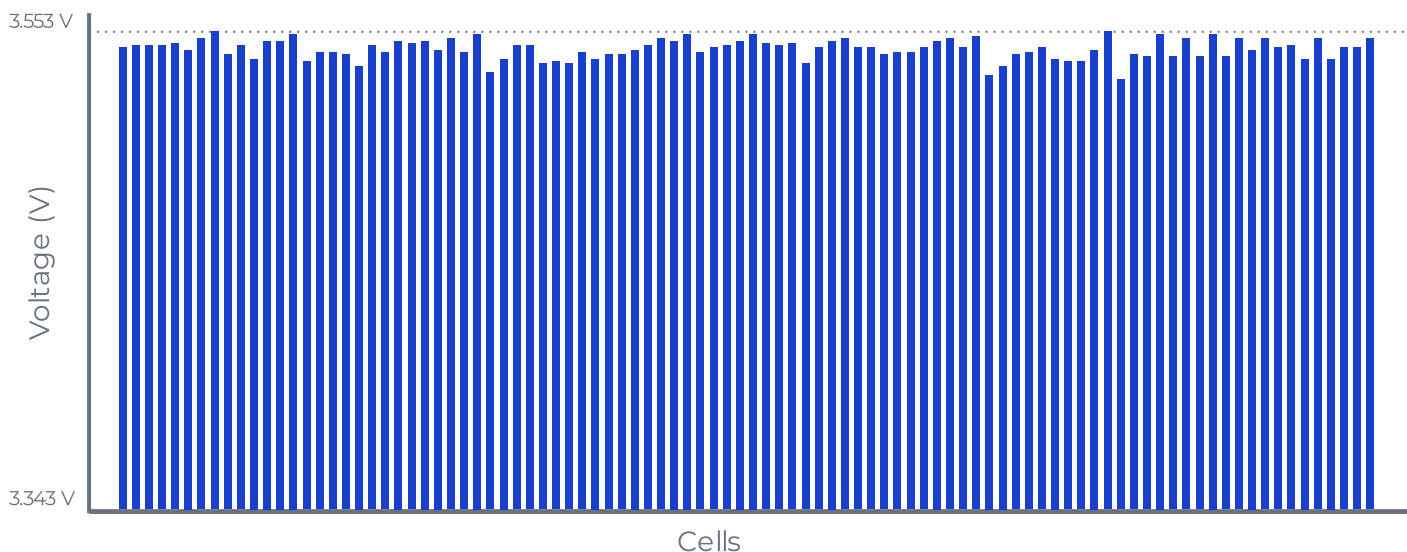
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## Cell voltage balance



### Voltage difference between cells

Min voltage: **3.532 V**

Max voltage: **3.553 V**



### Battery pack data

Cell group count **96**

State of charge\* **22%**

Pack temperature\* **19.0°C**

Pack voltage\* **340.4 V**

\*As measured at time of test

If the cell voltages are unbalanced, charge the vehicle to full, wait for a minimum of 2 hours and then retest.

## About Generational

Generational is an EV battery diagnostics and analytics company headquartered in London.

Our mission is to provide transparency on battery condition and to support the transition to EVs. Generational is backed by the UK government's net zero automotive fund, through the Advanced Propulsion Centre.

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